

## INSTRUCTIONS:



- a. Write the program in C using your program is free from error. .Please make sure that

You are collecting an information about Italy participated in some established sportsgames in Tokyo Olympic Games 2021 for your class assignment. The information to be collected is as follows:

1. Medals count from first edition's participation to date. The medals count must include color of medals won on every editions of games.
2. Medalist count from the latest edition of games participation. The count must have at least the name of the athlete who won gold and the name of sport's event.
3. The country ranking on every editions of games.

You must write a program to generate a report on the country's performance in the sports games showing the total of medals won on all editions based on color, the number of medalist won (at least gold medalist) in the latest games edition and the best games edition participated in term of ranking.

You may add any additional information such as number of medals won by sports and any hosting games history.

### Requirements for the program:

- i. **Main looping type** must be applied in the program. This type must be used especially for the counting of medals, medalist and the best edition ranking.

Main Looping Type	Secondary Looping Type
do ... while	while

- ii. If you need to apply another looping type, you may **applied secondary looping** type.
- iii. All students are free to apply any appropriate instructions, functions, statements to complete the tasks.

Medal	Name	Sport	Event	Date
 Gold	<a href="#">Vito Dell'Aquila</a>	<a href="#">Taekwondo</a>	<a href="#">Men's 58 kg</a>	24 July
 Gold	<a href="#">Valentina Rodini</a> <a href="#">Federica Cesarini</a>	<a href="#">Rowing</a>	<a href="#">Women's lightweight double sculls</a>	29 July
 Gold	<a href="#">Gianmarco Tamberi</a>	<a href="#">Athletics</a>	<a href="#">Men's high jump</a>	1 August
 Gold	<a href="#">Marcell Jacobs</a>	<a href="#">Athletics</a>	<a href="#">Men's 100 metres</a>	1 August
 Gold	<a href="#">Ruggero Tita</a> <a href="#">Caterina Banti</a>	<a href="#">Sailing</a>	<a href="#">Mixed nacra 17</a>	3 August
 Gold	<a href="#">Simone Consonni</a> <a href="#">Filippo Ganna</a> <a href="#">Francesco Lamon</a> <a href="#">Jonathan Milan</a>	<a href="#">Cycling</a>	<a href="#">Men's team pursuit</a>	4 August
 Gold	<a href="#">Massimo Stano</a>	<a href="#">Athletics</a>	<a href="#">Men's 20 kilometres walk</a>	5 August
 Gold	<a href="#">Antonella Palmisano</a>	<a href="#">Athletics</a>	<a href="#">Women's 20 kilometres walk</a>	6 August
 Gold	<a href="#">Luigi Busà</a>	<a href="#">Karate</a>	<a href="#">Men's 75 kg</a>	6 August
 Gold	<a href="#">Marcell Jacobs</a> <a href="#">Filippo Tortu</a> <a href="#">Eseosa Desalu</a> <a href="#">Lorenzo Patta</a>	<a href="#">Athletics</a>	<a href="#">Men's 4 × 100 metres relay</a>	6 August
 Silver	<a href="#">Luigi Samele</a>	<a href="#">Fencing</a>	<a href="#">Men's sabre</a>	24 July
 Silver	<a href="#">Thomas Ceccon</a> <a href="#">Santo Condorelli</a> <sup>[a]</sup> <a href="#">Manuel Frigo</a> <a href="#">Alessandro Miressi</a> <a href="#">Lorenzo Zazzeri</a>	<a href="#">Swimming</a>	<a href="#">Men's 4 × 100 metre freestyle relay</a>	26 July
 Silver	<a href="#">Diana Bacosi</a>	<a href="#">Shooting</a>	<a href="#">Women's skeet</a>	26 July
 Silver	<a href="#">Daniele Garozzo</a>	<a href="#">Fencing</a>	<a href="#">Men's foil</a>	26 July
 Silver	<a href="#">Giorgia Bordignon</a>	<a href="#">Weightlifting</a>	<a href="#">Women's 64 kg</a>	27 July
 Silver	<a href="#">Luca Curatoli</a> <a href="#">Luigi Samele</a> <a href="#">Enrico Berrè</a> <a href="#">Aldo Montano</a>	<a href="#">Fencing</a>	<a href="#">Men's team sabre</a>	28 July
 Silver	<a href="#">Gregorio Paltrinieri</a>	<a href="#">Swimming</a>	<a href="#">Men's 800 metre freestyle</a>	29 July
 Silver	<a href="#">Mauro Nespoli</a>	<a href="#">Archery</a>	<a href="#">Men's individual</a>	31 July
 Silver	<a href="#">Vanessa Ferrari</a>	<a href="#">Gymnastics</a>	<a href="#">Women's floor</a>	2 August
 Silver	<a href="#">Manfredi Rizza</a>	<a href="#">Canoeing</a>	<a href="#">Men's K-1 200 metres</a>	5 August
 Bronze	<a href="#">Elisa Longo Borghini</a>	<a href="#">Cycling</a>	<a href="#">Women's individual road race</a>	25 July
 Bronze	<a href="#">Odette Giuffrida</a>	<a href="#">Judo</a>	<a href="#">Women's 52 kg</a>	25 July
 Bronze	<a href="#">Mirko Zanni</a>	<a href="#">Weightlifting</a>	<a href="#">Men's 67 kg</a>	25 July

3 Bronze	<a href="#">Nicolò Martinenghi</a>	<a href="#">Swimming</a>	<a href="#">Men's 100 metre breaststroke</a>	26 July
3 Bronze	<a href="#">Maria Centracchio</a>	<a href="#">Judo</a>	<a href="#">Women's 63 kg</a>	27 July
3 Bronze	<a href="#">Rossella Fiamingo</a> <a href="#">Federica Isola</a> <a href="#">Mara Navarria</a> <a href="#">Alberta Santuccio</a>	<a href="#">Fencing</a>	<a href="#">Women's team épée</a>	27 July
3 Bronze	<a href="#">Matteo Castaldo</a> <a href="#">Marco Di Costanzo</a> <a href="#">Bruno Rosetti</a> <a href="#">Matteo Lodo</a> <a href="#">Giuseppe Vicino</a>	<a href="#">Rowing</a>	<a href="#">Men's coxless four</a>	28 July
3 Bronze	<a href="#">Federico Burdisso</a>	<a href="#">Swimming</a>	<a href="#">Men's 200 metre butterfly</a>	28 July
3 Bronze	<a href="#">Pietro Ruta</a> <a href="#">Stefano Oppo</a>	<a href="#">Rowing</a>	<a href="#">Men's lightweight double sculls</a>	29 July
3 Bronze	<a href="#">Martina Batini</a> <a href="#">Erica Cipressa</a> <a href="#">Arianna Errigo</a> <a href="#">Alice Volpi</a>	<a href="#">Fencing</a>	<a href="#">Women's team foil</a>	29 July
3 Bronze	<a href="#">Lucilla Boari</a>	<a href="#">Archery</a>	<a href="#">Women's individual</a>	30 July
3 Bronze	<a href="#">Simona Quadarella</a>	<a href="#">Swimming</a>	<a href="#">Women's 800 metre freestyle</a>	31 July
3 Bronze	<a href="#">Irma Testa</a>	<a href="#">Boxing</a>	<a href="#">Women's featherweight</a>	31 July
3 Bronze	<a href="#">Antonino Pizzolato</a>	<a href="#">Weightlifting</a>	<a href="#">Men's 81 kg</a>	31 July
3 Bronze	<a href="#">Federico Burdisso</a> <a href="#">Thomas Ceccon</a> <a href="#">Nicolò Martinenghi</a> <a href="#">Alessandro Miressi</a>	<a href="#">Swimming</a>	<a href="#">Men's 4 × 100 metre medley relay</a>	1 August
3 Bronze	<a href="#">Gregorio Paltrinieri</a>	<a href="#">Swimming</a>	<a href="#">Men's 10 kilometre open water</a>	5 August
3 Bronze	<a href="#">Elia Viviani</a>	<a href="#">Cycling</a>	<a href="#">Men's omnium</a>	5 August
3 Bronze	<a href="#">Viviana Bottaro</a>	<a href="#">Karate</a>	<a href="#">Women's kata</a>	5 August
3 Bronze	<a href="#">Abraham Conyedo</a>	<a href="#">Wrestling</a>	<a href="#">Men's freestyle 97 kg</a>	7 August
3 Bronze	<a href="#">Alessia Maurelli</a> <a href="#">Martina Centofanti</a> <a href="#">Martina Santandrea</a> <a href="#">Agnese Duranti</a> <a href="#">Daniela Mogurean</a>	<a href="#">Gymnastics</a>	<a href="#">Women's rhythmic group all-around</a>	8 August

Table 1: List of 2020 Summer Olympics medal winners of Italy

Medals by date				
Date	1	2	3	Total
24 July	1	1	0	2
25 July	0	0	3	3
26 July	0	3	1	4
27 July	0	1	2	3
28 July	0	1	2	3
29 July	1	1	2	4
30 July	0	0	1	1
31 July	0	1	3	4
1 August	2	0	1	3
2 August	0	1	0	1
3 August	1	0	0	1
4 August	1	0	0	1
5 August	1	1	3	5
6 August	3	0	0	3
7 August	0	0	1	1
8 August	0	0	1	1
Total	10	10	20	40

2020 Summer Olympics medal table <sup>[13]</sup>					
Rank	Team	Gold	Silver	Bronze	Total
10	<span><span><span></span></span><span> </span></span> <a href="#">Italy</a>	10	10	20	40

## Medals by Summer Games[\[edit\]](#)

Main article: *Italy at the Summer Olympics*

Games	Athletes	Gold	Silver	Bronze	Total	Rank
<span><span></span></span> 1896 Athens	1	0	0	0	0	—
<span><span></span></span> 1900 Paris	24	3	2	0	5	8
<span><span></span></span> 1904 St. Louis	0 <sup>[a]</sup>	0	0	0	0	—
<span><span></span></span> 1908 London	68	2	2	0	4	9
<span><span></span></span> 1912 Stockholm	61	3	1	2	6	11

 1920 Antwerp	174	13	5	5	<b>23</b>	7
 1924 Paris	200	8	3	5	<b>16</b>	5
 1928 Amsterdam	174	7	5	7	<b>19</b>	5
 1932 Los Angeles	112	12	<b>12</b>	12	<b>36</b>	2
 1936 Berlin	243	8	9	5	<b>22</b>	4
 1948 London	213	8	11	8	<b>27</b>	5
 1952 Helsinki	231	8	9	4	<b>21</b>	5
 1956 Melbourne	129	8	8	9	<b>25</b>	5
 1960 Rome	280	13	10	13	<b>36</b>	3
 1964 Tokyo	168	10	10	7	<b>27</b>	5
 1968 Mexico City	167	3	4	9	<b>16</b>	13
 1972 Munich	224	5	3	10	<b>18</b>	10
 1976 Montreal	210	2	7	4	<b>13</b>	14
 1980 Moscow	159	8	3	4	<b>15</b>	5
 1984 Los Angeles	268	<b>14</b>	6	12	<b>32</b>	5
 1988 Seoul	253	6	4	4	<b>14</b>	10


 1992 Barcelona	304	6	5	8	<b>19</b>	12
 1996 Atlanta	340	13	10	12	<b>35</b>	6
 2000 Sydney	361	13	8	13	<b>34</b>	7
 2004 Athens	364	10	11	11	<b>32</b>	8
 2008 Beijing	344	8	9	10	<b>27</b>	9
 2012 London	285	8	9	11	<b>28</b>	9
 2016 Rio de Janeiro	314	8	<b>12</b>	8	<b>28</b>	9
 2020 Tokyo	372	10	10	<b>20</b>	<b>40</b>	10
 2024 Paris	<i>Future Event</i>					
 2028 Los Angeles						
 2032 Brisbane						
<b>Total</b>		<b>217</b>	<b>188</b>	<b>213</b>	<b>618</b>	<b>6</b>

## Medals by Winter Games<sup>[[edit](#)]</sup>

Main article: *[Italy at the Winter Olympics](#)*

Games	Athletes	Gold	Silver	Bronze	Total	<a href="#">Rank</a>
 <a href="#">1924 Chamonix</a>	<a href="#">23</a>	0	0	0	<b>0</b>	-
 <a href="#">1928 St. Moritz</a>	<a href="#">13</a>	0	0	0	<b>0</b>	-
 <a href="#">1932 Lake Placid</a>	<a href="#">12</a>	0	0	0	<b>0</b>	-
 <a href="#">1936 Garmisch-Partenkirchen</a>	<a href="#">40</a>	0	0	0	<b>0</b>	-
 <a href="#">1948 St. Moritz</a>	<a href="#">57</a>	1	0	0	<b>1</b>	<a href="#">10</a>
 <a href="#">1952 Oslo</a>	<a href="#">33</a>	1	0	1	<b>2</b>	<a href="#">6</a>
 <a href="#">1956 Cortina d'Ampezzo</a>	<a href="#">65</a>	1	2	0	<b>3</b>	<a href="#">8</a>
 <a href="#">1960 Squaw Valley</a>	<a href="#">28</a>	0	0	1	<b>1</b>	<a href="#">14</a>
 <a href="#">1964 Innsbruck</a>	<a href="#">61</a>	0	1	3	<b>4</b>	<a href="#">12</a>
 <a href="#">1968 Grenoble</a>	<a href="#">52</a>	4	0	0	<b>4</b>	<a href="#">4</a>
 <a href="#">1972 Sapporo</a>	<a href="#">44</a>	2	2	1	<b>5</b>	<a href="#">8</a>
 <a href="#">1976 Innsbruck</a>	<a href="#">58</a>	1	2	1	<b>4</b>	<a href="#">10</a>
 <a href="#">1980 Lake Placid</a>	<a href="#">46</a>	0	2	0	<b>2</b>	<a href="#">13</a>
 <a href="#">1984 Sarajevo</a>	<a href="#">74</a>	2	0	0	<b>2</b>	<a href="#">10</a>

 <a href="#">1988 Calgary</a>	<a href="#">58</a>	2	1	2	5	<a href="#">10</a>
 <a href="#">1992 Albertville</a>	<a href="#">107</a>	4	6	4	14	<a href="#">6</a>
 <a href="#">1994 Lillehammer</a>	<a href="#">104</a>	7	5	8	20	<a href="#">4</a>
 <a href="#">1998 Nagano</a>	<a href="#">113</a>	2	6	2	10	<a href="#">10</a>
 <a href="#">2002 Salt Lake City</a>	<a href="#">112</a>	4	4	5	13	<a href="#">7</a>
 <a href="#">2006 Turin</a>	<a href="#">185</a>	5	0	6	11	<a href="#">9</a>
 <a href="#">2010 Vancouver</a>	<a href="#">114</a>	1	1	3	5	<a href="#">16</a>
 <a href="#">2014 Sochi</a>	<a href="#">113</a>	0	2	6	8	<a href="#">22</a>
 <a href="#">2018 Pyeongchang</a>	<a href="#">122</a>	3	2	5	10	<a href="#">12</a>
 <a href="#">2022 Beijing</a>	<i>Future Event</i>					
 <a href="#">2026 Milan–Cortina</a>	<i>Future Event</i>					
<b>Total</b>		<b>40</b>	<b>36</b>	<b>48</b>	<b>124</b>	<a href="#">12</a>

Italy at the Olympic					
Rank	Team	Gold	Silver	Bronze	Total
7th	 <a href="#">Italy</a>	257	224	261	742

## Medals by summer sport<sup>[\[edit\]](#)</sup>

Main article: *[Italy at the Summer Olympics](#)*

**Leading in that sport**

Sport	Gold	Silver	Bronze	Total
 <a href="#">Fencing</a>	49	46	35	130
 <a href="#">Cycling</a>	35	16	12	63
 <a href="#">Athletics</a>	24	15	26	65
 <a href="#">Shooting</a>	16	16	11	43
 <a href="#">Boxing</a>	15	15	18	48
 <a href="#">Gymnastics</a>	14	7	11	32
 <a href="#">Rowing</a>	11	14	16	41
 <a href="#">Equestrian</a>	7	9	7	23
 <a href="#">Wrestling</a>	7	4	11	22
 <a href="#">Canoeing</a>	6	7	4	17
 <a href="#">Swimming</a>	5	7	17	29
 <a href="#">Weightlifting</a>	5	5	7	17

Sport	Gold	Silver	Bronze	Total
 <a href="#">Judo</a>	4	4	9	17
 <a href="#">Sailing</a>	4	3	8	15
 <a href="#">Water polo</a>	4	3	3	10
 <a href="#">Diving</a>	3	5	3	11
 <a href="#">Archery</a>	2	3	4	9
 <a href="#">Modern pentathlon</a>	2	2	3	7
 <a href="#">Taekwondo</a>	2	1	1	4
 <a href="#">Football</a>	1	0	2	3
 <a href="#">Karate</a>	1	0	1	2
 <a href="#">Volleyball</a>	0	3	3	6
 <a href="#">Basketball</a>	0	2	0	2
 <a href="#">Beach volleyball</a>	0	1	0	1
 <a href="#">Tennis</a>	0	0	1	1

Sport	Gold	Silver	Bronze	Total
Totals (25 sports)	217	188	213	618

## Medals by winter sport[\[edit\]](#)

Main article: *[Italy at the Winter Olympics](#)*

**Leading in that sport**

Sport	Gold	Silver	Bronze	Total
 <a href="#">Alpine skiing</a>	14	9	9	32
 <a href="#">Cross country skiing</a>	9	13	13	35
 <a href="#">Luge</a>	7	4	6	17
 <a href="#">Bobsleigh</a>	4	4	4	12
 <a href="#">Short track speed skating</a>	2	4	5	11
 <a href="#">Speed skating</a>	2	0	2	4
 <a href="#">Snowboarding</a>	1	1	1	3
 <a href="#">Skeleton</a>	1	0	0	1
 <a href="#">Biathlon</a>	0	1	5	6

Sport	Gold	Silver	Bronze	Total
 <a href="#">Figure skating</a>	0	0	2	2
 <a href="#">Nordic combined</a>	0	0	1	1
<b>Totals (11 sports)</b>	<b>40</b>	<b>36</b>	<b>48</b>	<b>124</b>