**A Shipping company uses the following function to display the flat rate cost (in dollars) of shipping based on the weight of a package (in pounds).**

| **Cost function c(w)** | **Cost** | **Weight** |
| --- | --- | --- |
| **$3.5** | **0 < w < = 1** |
| **$5.5** | **1 < w <= 3** |
| **$8.5** | **3 < w <= 10** |
| **$10.5** | **10 < w <= 20** |
| **Can’t be shipped** | **20 < w** |

**Write an Assemby program that prompts the user to enter the weight of the package and display the shipping cost. If the weight is greater than 20 pounds, display the following message, “the package cannot be shipped.”**

**You can use any Pep/9. I recommend that you provide the output as a string.**

[(Links to an external site.)](https://www.youtube.com/watch?v=1VAcZr2wQzo)

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**Design:**

**Code:**

**Output:**