

The Challenge:

6. ShippingCharges Class

The Fast Freight Shipping Company charges the following rates:

Weight of Package (in kilograms)	Rate per 500 Miles Shipped
2 Kg or less	\$1.10
Over 2 Kg but not more than 6 Kg	\$2.20
Over 6 Kg but not more than 10 Kg	\$3.70
Over 10 Kg	\$4.80

The shipping charges per 500 miles are not prorated. For example, if a 2 Kg package is shipped 550 miles, the charges would be \$2.20.

Design a class that stores the weight of a package and has a method that returns the shipping charges.

Sample UML:

