**Assignment 2: Submit .java file**

A company requires a program to determine the amount of money to pay its day-workers at the end of each shift. Workers are paid by the hour, depending on what department they work in:

• departments 1 and 2: 15 dollars per hour

• departments 3 and 4: 20 dollars per hour

• departments 5 and 6: 10 dollars per hour. In addition, workers in departments 5 and 6 are doing piecework, so they get an additional amount based on how many items/pieces they’ve completed. Each worker gets 10 cents per completed item.

Examples

Worker A is in department 2 and worked 9 hours. Worker A gets 9 \* 15.0 = $135.00.

Worker B is in department 5, worked 7 hours and completed 450 items. Worker B gets 7 \* 10.0 + 0.10 \* 450 = 70.0 + 45.0 = $115.0

Write a program that requests the department number and the number of hours for an employee. Determine the appropriate rate of pay based on the department number. For employees in departments 5 and 6,(in addition to total hours\* rate) request the number of pieces completed and determine the amount of money paid from piecework.

Your program should then calculate and display the total amount to pay the employee. Make sure that the program prints $ sign before amount

SAMPLE RUN 1:

Enter Department Code : 2

Enter number of hours worked : 9

Total amount to be paid $135.0

SAMPLE RUN 2:

Enter Department Code : 6

Enter number of hours worked : 7

Enter number of piece : 450

Total amount to be paid $115.0

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