Programming Fundamentals Assignments

1. Vohra went to a movie with his friends in a Wave theatre and during break time he bought pizzas, puffs and cool drinks. Consider the following prices :

- Rs.100/pizza
- Rs.20/puffs
- Rs.10/cooldrink

Generate a bill for What Vohra has bought.

Sample Input 1:

- Enter the no of pizzas bought:10
- Enter the no of puffs bought:12
- Enter the no of cool drinks bought:5

Sample Output 1:

- Bill Details

No of pizzas:10

No of puffs:12

No of cooldrinks:5

Total price=1290

ENJOY THE SHOW!!!

2. Ritik wants a magic board, which displays a character for a corresponding number for his science project. Help him to develop such an application.

For example when the digits 65,66,67,68 are entered, the alphabet ABCD are to be displayed.

[Assume the number of inputs should be always 4]

Sample Input 1:

- Enter the digits:
  65
  66
  67
  68

Sample Output 1:

65-A

66-B

67-C

68-D

Sample Input 2:

- Enter the digits:
  115
  116
  101
  112

Sample Output 2:

115-s

116-t

101-e

112-p

3. FOE college wants to recognize the department which has succeeded in getting the maximum number of placements for this academic year. The departments that have participated in the recruitment drive are CSE,ECE, MECH. Help the college find the department getting maximum placements. Check for all the possible output given in the sample snapshot

Note : If any input is negative, the output should be "Input is Invalid". If all department has equal number of placements, the output should be "None of the department has got the highest placement".

Sample Input 1:

- Enter the no of students placed in CSE:90
- Enter the no of students placed in ECE:45
- Enter the no of students placed in MECH:70

Sample Output 1:

- Highest placement

CSE

Sample Input 2:

- Enter the no of students placed in CSE:55
- Enter the no of students placed in ECE:85
- Enter the no of students placed in MECH:85

Sample Output 2:

- Highest placement

ECE

MECH

Sample Input 3:

- Enter the no of students placed in CSE:0
- Enter the no of students placed in ECE:0

- Enter the no of students placed in MECH:0

Sample Output 3:

- None of the department has got the highest placement

Sample Input 4:

- Enter the no of students placed in CSE: 10
- Enter the no of students placed in ECE: -50
- Enter the no of students placed in MECH: 40

Sample Output 4:

- Input is Invalid – No negative values are accepted