OFFLINE for A1

Cricket is one of the most popular games in the world and one of the biggest event of cricket, Cricket World Cup 2015 is currently going on. Assume in one match of the Cricket World Cup, a team batting first scores given runs in their 50 overs. In the innings break, your friends ask you to predict whether that team will win or not. Being intelligent, you know that there is a website where that team winning ratio for a range of run batting first can be found. Now write an assembly program that will take the team score as input and show whether the team has a greater chance of winning or not according to the below given table found in that website.

Team	Run Range	Winning Percentage
XYXYX	341-Above	100
	300-340	85
	250-300	48
	200-250	60
	Below 200	25

Sample Execution:

```
Enter the Score team obtained batting first: 301
My Prediction: VICTORY

Enter the Score team obtained batting first: 258
My Prediction: DEFEAT
```

Warning: You are not allowed to use DIV, IDIV, MUL, IMUL instructions. You have to use console input for taking input and console output for showing output. Last but not the least, please do not copy.

OFFLINE for A2

Write an assembly program that takes two nonnegative numbers of size at most 2 as input, divides the first number with the second number and displays the quotient and remainder of the division.

Sample Execution:

```
Enter the First Number: 14
Enter the Second Number: 5
Quotient of the division is: 2
Remainder of the division is: 4
```

Warning: You are not allowed to use DIV, IDIV, MUL, IMUL instructions. You have to use console input for taking input and console output for showing output. Last but not the least, please do not copy.

OFFLINE for B1

Write an assembly program that takes two nonnegative numbers of size at most 2 as input, multiplies the first number with second number and displays the result.

Sample Execution:

```
Enter the First Number: 14
Enter the Second Number: 9
Product of the given two numbers is: 126
```

Warning: You are not allowed to use DIV, IDIV, MUL, IMUL instructions. You have to use console input for taking input and console output for showing output. Last but not the least, ***please do not copy.***

OFFLINE for B2

Write an assembly program for GPA calculation of a given mark provided by a user. User gives an input ranges from 0 to 100. Your program should give an output of the corresponding GPA. Use the following table in your code for GPA calculation:

Range	GPA
80 - 100	A+
70 - 79	A
60 - 69	B
50 - 59	C
40 - 49	D
0 - 39	F

Sample Execution:

```
Enter your mark: 81
Grade You Obtained: A+
```

Warning: You are not allowed to use DIV, IDIV, MUL, IMUL instructions. You have to use console input for taking input and console output for showing output. Last but not the least, please do not copy.