Question #1

Implement Calculator and Conversion programs with specified functions.

Calculator:

        Addition [2 double numbers]
        Subtraction [2 double numbers]
        Division [2 double numbers]
        Multiplication [2 double numbers]
        Percentage [1 double number and 1 integer number for %]
        Modulo [2 integer numbers]

Conversion:

        Celsius to Fahrenheit [F = C * 1.8 + 32]
        Meter to Inch [1 meter = 39.37 inch]
        Kilogram to Pound [1Kg = 2.2 lb]

Sample Input:
Please select the proper option
1.Calculator
2.Conversion
1
Select which operation do you want to perform
1.Addition
2.Substraction
3.Division
4.Multiplication
5.Percentage
6.Modulo
5
enter 2 numbers
200.0
30
Output:
30% of 200.000000 is 60.000000

Sample Input:
Please select the proper option
1.Calculator
2.Conversion
2
Select which operation do you want to perform
1.Celsius to Fahrenheit
2.Meter to Inch
3.Kilogram to Pound

2
enter number in meter
3.0
Output:
3.000000 = 118.11 inches

Question #2
Write a program to decide sports name for the house depending upon the day
Enter house name: A,B,C,
Select number corresponding to particular day
Tuesday:1
Thursday:2
Saturday:3
Any other day is not a sports day.
Display the sports name for entered house and selected day

	A	B	C
Tuesday	Basketball	Football	Cricket
Thursday	Football	Cricket	Basketball
Saturday	Cricket	Basketball	Football

Sample Input:

Enter The House Name A,B,C: C

Days, 1 for Tuesday, 2 for Thursday and 3 for Saturday

Enter day: 3

Output:

Play football

Sample Input:

Enter The House Name A,B,C: E

Output:

Invalid Team option

Sample Input:

Enter The House Name A,B,C: B

Days, 1 for Tuesday, 2 for Thursday and 3 for Saturday

Enter day: 4

Sample Output:

Not a Spots day