



Name : Sameer

Roll no :23k-5535

Section: BCS2D

Programming fundamental :lab task



Q :01 code

```
#include <stdio.h>

int main() {

    float price_rice, price_sugar, price_cooking_oil, price_tea, price_milk;

    float total_price;

    //taking price rate of items from user using printf and scanf functions

    printf("Enter price of rice: ");

    scanf("%f", &price_rice);

    printf("Enter price of sugar: ");

    scanf("%f", &price_sugar);

    printf("Enter price of cooking oil: ");

    scanf("%f", &price_cooking_oil);

    printf("Enter price of tea: ");

    scanf("%f", &price_tea);

    printf("Enter price of milk: ");

    scanf("%f", &price_milk);

    total_price = price_rice + price_sugar + price_cooking_oil + price_tea + price_milk;

    printf("total price : $%.2f\n", total_price);

    if (total_price > 2000) {

        total_price *= 0.9;

        printf("total price after discount is %.2f", total_price);

    }

    return 0;}
```



OUTPUT :01

```
Enter price of rice: 400
Enter price of sugar: 300
Enter price of cooking oil: 800
Enter price of tea: 100
Enter price of milk: 500
total price : $2100.00
total price after discount is 1890.00
-----
```

OUTPUT:02

```
Enter price of rice: 400
Enter price of sugar: 200
Enter price of cooking oil: 300
Enter price of tea: 100
Enter price of milk: 100
total price : $1100.00
```



Q2 : CODE

```
#include <stdio.h>

int main(){

    int tamprature_celcius;

    printf("enter the tamprature in celcius:");

    scanf("%d",&tamprature_celcius);

    if(tamprature_celcius>30){

        printf("hot tamprature:");

    }

    else if(tamprature_celcius>=20&&tamprature_celcius<=30){

        printf("moderate tamprature:");

    }

    else if(tamprature_celcius<20){

        printf("cold tamprature :");

    }

    return 0;

}
```



OUTPUT:=01

```
enter the tamprature in celcius:45
hot tamprature:
-----
Process exited after 3.24 seconds with return value 0
Press any key to continue . . .
```

OUTPUT:02

```
enter the tamprature in celcius:29
moderate tamprature:
-----
Process exited after 5.865 seconds with return value 0
Press any key to continue . . .
```

OUTPUT:03

```
enter the tamprature in celcius:15
cold tamprature :
-----
```



Q3:CODE

```
#include <stdio.h>

int main(){

    int num;    //taking input from the user

    printf("enter the number :");

    scanf("%d",&num);


    if(num%2==0){        //using conditional statment

        printf("even number :");

    }

    else {

        printf("odd number :");

    }

    return 0;

}
```



OUTPUT:1

```
Select C:\Users\TCS\Desktop\sameer.exe
enter the number :34
even number :
-----
Process exited after 3.428 seconds with return value 0
Press any key to continue . . .
```

OUTPUT 2:

```
enter the number :8889
odd number :
-----
Process exited after 2.598 seconds with return value 0
Press any key to continue . . .
```