

Q1. Print "your name-SOA University".

```
#include <stdio.h>

int main() {

    printf("Name: Pritilagna Tripathy-SOA University \n");

    return 0;

}
```

Q2. Print your name, mobile number and email id in different lines.

```
#include <stdio.h>

int main() {

    printf("Name: Pritilagna Tripathy-SOA University \n");
    printf("Mobile Number:8658803896\n");
    printf("Email Id: pritilv2018@gmail.com");

    return 0;

}
```

Q3. Get int, float and char as input, then print the same.

```
include <stdio.h>
int main()
{
    int Integer;
    char Character;
    float InputFloat;

    printf(" Please Enter a Character : ");
    scanf("%c", &Character);

    printf(" Please Enter an Integer Value : ");
    scanf("%d", &Integer);

    printf(" Please Enter Float Value : ");
    scanf("%f", &InputFloat);

    printf(" \n The Integer Value that you Entered is : %d",
Integer);
    printf(" \n The Character that you Entered is : %c",
Character);
    printf(" \n The Float Value that you Entered is : %f",
InputFloat);
}
```

```
    return 0;
}
```

Q4.Find the cube of the given number.

```
#include <stdio.h>

int main() {
    int n = 10;

    printf("Cube of %d = %d", n, (n*n*n));

    return 0;
}
```

Q5.Find the sum of five given numbers.

```
#include<stdio.h>
int main()
{
int n,sum=0;
printf("Enter a number:");
scanf("%d",&n);
while(n>0)
{
sum=sum+n;
}
printf("Sum is=%d",sum);
return 0;

}
```

Q6.Find the student average mark given mark1 and mark2.

```
#include <stdio.h>

int main()
{
    float mark1, mark2, average;

    printf("Enter marks obtained in subject 1 :");
    scanf("%f", &mark1);
    printf("Enter marks obtained in subject 2 :");
    scanf("%f", &mark2);

    average = (mark1 + mark2) / 2;
    printf("Average mark : %0.2f\n", average);
}
```

```

    return 0;
}

```

Q7. Calculate the total fine charged by library for late return books. The charge is 0.20 INR for 1 day.

```

#include <stdio.h>

int main()
{
    double fine=0.0;
    int n;

    printf("Enter the number of days late");
    scanf("%d",&n);
    fine = 0.20*n;
    printf("total fine=%f",fine);
    return 0;
}

```

Q8. You had bought a nice shirt which cost Rs.29.90 exclusive of 15% discount. Count the discounted price the shirt.

```

#include<stdio.h>
int main()
{
    float price=29.90;
    float discount=15;
    float discount_amount;
    float discounted_price;

    discount_amount = (discount_percentage*price)/100;

    discounted_price = (price-discount_amount);

    printf("\n\nDiscount amount : %f \n\n", discount_amount);
    printf("Discounted price : %f \n\n", discounted_price);
    return 0;
}

```

Q9. Swap two numbers with third variable.

```

#include <stdio.h>

```

```

int main()
{
    int a, b;
    printf("Enter Value of a ");
    scanf("%d", &a);
    printf("\nEnter Value of b ");
    scanf("%d", &b);

    int temp = a;
    a = b;
    b = temp;

    printf("\nAfter Swapping: a = %d, b = %d", a, b);
    return 0;
}

```

Q10.Swap two number without third variable (by +B and -(or) B*and /).

```

#include<stdio.h>
int main()
{
    int a=10, b=20;
    printf("Before swap a=%d b=%d",a,b);
    a=a+b;
    b=a-b;
    a=a-b;
    printf("\nAfter swap a=%d b=%d",a,b);
    return 0;
}

```