

Output

Welcome to VSSUT, Burla.

My name is Shikipragyan Mohanty.

I am from Keonjhar, Odisha.

I passed my 12th standard from KV, Keonjhar.

I am from Computer Science and Engineering Branch.

I am 19 years old.

I am in 2027 batch.

Thank You.

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QAP in C to print your biodata.

```
#include <stdio.h>
```

```
void main()
```

```
{
```

```
printf("Welcome to VSSUT, Burla.\n");
```

```
printf("My name is Shikipragyan Mohanty.\n");
```

```
printf("I am from Keonjhar, Odisha.\n");
```

```
printf("I passed my 12th standard from KV, Keonjhar.\n");
```

```
printf("I am from Computer Science and Engineering Branch.\n");
```

```
printf("I am 19 years old.\n");
```

```
printf("I am in 2027 batch.\n");
```

```
printf("Thank you.");
```

```
}
```

Teacher's Signature _____

Output

Enter two numbers: 4 5

The sum of a and b is: 9

The difference of a and b is: -1

The product of a and b is: 20

The quotient of a and b is: 0.800000

The remainder on dividing a and b is: 4

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WAP in C to display addition, subtraction, multiplication, division and remainder of two numbers input by user.

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int a, b;
```

```
    printf("Enter two numbers:");
```

```
    scanf("%d %d", &a, &b);
```

```
    int c = a + b;
```

```
    printf("\nThe sum of a and b is: %d", c);
```

```
    c = a - b;
```

```
    printf("\nThe difference of a and b is: %d", c);
```

```
    c = a * b;
```

```
    printf("\nThe product of a and b is: %d", c);
```

```
    float q = (float)a / (float)b;
```

```
    printf("\nThe quotient of a and b is: %f", q);
```

```
    int r = a % b;
```

```
    printf("\nThe remainder on dividing a and b is: %d", r);
```

```
    return 0;
```

```
}
```

Teacher's Signature _____

Output

Enter Principal amount: 5000
Enter Rate of interest: 10
Enter Time: 2

The Simple interest is: 1000.000000
The Compound interest is: 1050.000000

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WAP to calculate the S.I. and C.I. for a particular amount.

```
#include <stdio.h>
#include <math.h>
int main()
{
    float P, R, T;
    printf("Enter Principal amount:");
    scanf("%f", &P);
    printf("Enter Rate of interest:");
    scanf("%f", &R);
    printf("Enter Time:");
    scanf("%f", &T);
    float s = (P * R * T) / 100;
    printf("\n The simple interest is: %f", s);
    float c = P * (pow((1 + R / 100), T)) - P;
    printf("\n The compound interest is: %f", c);
    return 0;
}
```

Teacher's Signature _____