

//1):-Write a program to print unit digit of a given number.

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

```
int main()
```

```
{
```

```
    int a;
```

```
    printf("Enter a number:-");
```

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

```
    printf("Unit Digit number %d is %d\n",a,a%10);
```

```
    return 0;
```

```
}
```

//2):-Write a program to print a given number without its last digit.

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

```
int main()
```

```
{
```

```
    int b;
```

```
    printf("Enter a number:-");
```

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

```
    printf("Without a last digit number %d is %d",b,b/10);
```

```
    return 0;
```

```
}
```

//3):-Write a program to swap values of two int variable.

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

```
int main()
```

```
{
```

```
    int a=25, b=50, c=25;
```

```
a = b;
b = c;
printf("Swap values of two int variable is A=%d B=%d",a,b);
return 0;
}
```

//4):-Write a program to swap values of two int variable without using a third variable.

```
#include<stdio.h>
int main()
{
    int a=25, b=50;
    a = a+b;
    b =a-b;
    a = a-b;
    printf("Swap values without using third variable A=%d B=%d",a,b);
    return 0;
}
```

//5):-Write a program to input a three-digit number and display the sum of the digits.

```
#include<stdio.h>
int main()
{
    int a, rem=0, sum=0;
    printf("Enter a three number:-");
    scanf("%d",&a);

    rem = a%10;
    a = a/10;
    sum =rem+sum;
}
```

```

rem = a%10;

a = a/10;

sum =rem+sum;


rem = a%10;

a = a/10;

sum =rem+sum;


printf("Sum of three-digit number is %d",sum);


return 0;
}

```

//6):-Write a program which takes a character as an input and display its ASCII code.

```

#include<stdio.h>

int main()
{
    char ch ='a';

    printf("%d",ch);

    return 0;
}

```

```

/*****

#Write a program a to find the position of first 1 in LSB

*****/

```

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

```
int main()
```

```
{
```

```
    int x, count=0, result=0;
```

```
    printf("Enter a number");
```

```
    scanf("%d",&x);
```

```
    while(x!=0)
```

```
    {
```

```
        result = x&1;
```

```
        count++;
```

```
        if(result==1)
```

```
        {
```

```
            printf("%d", count);
```

```
            break;
```

```
        }
```

```
        x = x>>1;
```

```
    }
```

```
    return 0;
```

```
}
```

//8):-Write a program to check whether the given number is even or odd using a bitwise operator.

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

```
int main()
```

```
{
```

```
    int a;
```

```
    printf("Enter a number:-");
```

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

```
if(a&1){  
    printf("Odd number");  
}  
printf("Even Number");  
return 0;  
  
}
```

//9):-Write a program to print size of an int, a float, a char, and a double type variable.

```
#include<stdio.h>  
  
int main()  
{  
    int a;  
    int b = a;  
    float c,d;  
    char e, f;  
    double g, h;  
    printf("Size of Int variable is %d \n",sizeof(b));  
  
    printf("Size of Float variable is %d \n",sizeof(c));  
  
    printf("Size of Character variable is %d \n",sizeof(e));  
  
    printf("Size of double variable is %d \n",sizeof(g));
```

```
    return 0;

}
```

//10):-Write a program to make the last digit of a number store in a variable as zero.

```
#include<stdio.h>

int main()
{
    int a,b;
    printf("Enter a number:-");
    scanf("%d",&a);
    a = a/10;
    a = a*10;

    printf("Last digit of a number store in a variable as zero %d",a);
    return 0;
}
```

//11):-Write a program to input a number from the user and also input a digit. Append a digit in the number and print the resulting number.

```
#include<stdio.h>

int main()
{
    int a, b;
    printf("Enter a two number:-");
    scanf("%d %d",&a,&b);

    a = a*10;
    a = a+b;
```

```
printf("Append a digit resulting is %d",a);  
return 0;  
}
```

//12):-Assume price of 1 USD in INR 76.23.write a program to take the amount in INR and convert into USD.

```
#include<stdint.h>  
  
int main()  
{  
    float INR =100, USD=0;  
  
    USD =INR/76.23;  
  
    printf("INR value = %.2f and USD VALUES = %.2f",INR,USD);  
  
    return 0;  
}
```

//13):- Write a program to take a three-digit number from the user and rotate its digit by one position towards the right.

```
#include<stdint.h>  
  
int main()  
{  
    int x;  
  
    printf("Enter a 3 digit number \n");  
    scanf("%d",&x);  
  
    x =(x%10)*100 +(x/10);  
  
    printf("Number after right rotation is %d",x);  
}
```

```
return 0;
```

```
}
```