

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

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int n,a,b;
    printf("Enter a Three digit Number:\n");
    scanf("%d",&n);
    a=n/10;
    b=n%10;
    b=b*100;
    n=a+b;
    printf("Rotated digit is %d",n);
    getch();
    return 0;
}
```

**12. Assume price of 1 USD is INR 76.23. Write a program to take the amount in INR and convert it into USD.**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    double n;
    printf("Enter a Amount in INR:\n");
    scanf("%lf",&n);
    n=n/76.23;
    printf("Your Amount is %lf: USD",n);

    getch();
    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. (Example - number=234 and digit=9 then the resulting number is 2349)**

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

```
#include<conio.h>
```

```
int main()
```

```
{
```

```
    int n,i;
```

```
    printf("Enter a number:\n");
```

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

```
    printf("And Now Enter one digit Number which you want to Append:\n");
```

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

```
    n=n*10;
```

```
    n=n+i;
```

```
    printf("Your Resulting Number is:%d",n);
```

```
    getch();
```

```
    return 0;
```

```
}
```

**10. Write a program to make the last digit of a number stored in a variable as zero.**

**(Example - if x=2345 then make it x=2340)**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int n;
    printf("Enter a Number:\n");
    scanf("%d",&n);
    n=n/10;
    n=n*10;
    printf("Updated last digit as Zero is: %d",n);
    getch();
    return 0;
}
```

**9. Write a program to print size of an int, a float, a char and a double type variable**

```
#include<stdio.h>
#include<conio.h>
int main()
{
    int a,b,c,d;
    a=sizeof(int);
    printf("Size of int is: %d bytes",a);
    b=sizeof(float);
    printf("\nSize of float is: %d bytes",b);
    c=sizeof(char);
    printf("\nSize of char is: %d bytes",c);
    d=sizeof(double);
    printf("\nSize of double is: %d bytes",d);
    getch();
    return 0;
}
```

**8. Write a program to check whether the given number is even or odd using a bitwise operator.**

```
#include<stdio.h>
#include<conio.h>
int main()
{  int n,r=0;
    printf("Enter a Number");
    scanf("%d",&n);
    r=n&1;
    if(r==1)
        printf("You Entered a Odd Number");
    else
        printf("You Entered a Even Number");
    getch();
    return 0;
}
```

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

```
#include<stdio.h>
#include<conio.h>
int main()
{ int n,count=0;
  int result=0;
  printf("Enter a number:\n");
  scanf("%d",&n);
  while(n!=0)
  {
    result=n&1;
    count++;
    if(result==1)
    {
      printf("In Your entered number \n position first 1 in LSB is %d ",n,count);
      break;
    }
    n=n>>1;
  }
  getch();
  return 0;
}
```

**6. Write a program which takes a character as an input and displays its ASCII code.**

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

```
#include<conio.h>
```

```
int main()
```

```
{  char a;
```

```
    printf("Enter a character for ASCII Code Whether in lowercase or Uppercase or A special character :\n");
```

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

```
    printf("Your Entered Character ASCII code is :%d",a);
```

```
    getch();
```

```
    return 0;
```

```
}
```



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

```
#include<stdio.h>
#include<conio.h>
int main()
{  int n,sum=0,i;
    printf("Enter a Three digit Number");
    scanf("%d",&n);
    while(n!=0)
    {
        sum=sum+n%10;
        n=n/10;
    }
    printf("The sum of number is %d",sum);
    getch();
    return 0;
}
```

**4. Write a program to swap values of two int variables without using a third variable.**

```
#include<stdio.h>
#include<conio.h>
int main()
{   int a,b;
    printf("Enter Two Numbers:\n");
    scanf("%d %d",&a,&b);
    a=a+b;
    b=a-b;
    a=a-b;
    printf("After Swaping Your Number is %d and %d",a,b);
    getch();
    return 0;
}
```

### 3. Write a program to swap values of two int variables

```
#include<stdio.h>
#include<conio.h>
int main()
{  int a,b,c;
    printf("Enter Two Numbers:\n");
    scanf("%d %d",&a,&b);
    c=a;
    a=b;
    b=c;
    printf("After Swaping Your Number is %d and %d",a,b);
    getch();
    return 0;
}
```

**2. Write a program to print a given number without its last digit.**

```
#include<stdio.h>
#include<conio.h>
int main()
{   int n;
    printf("Enter a Number:\n");
    scanf("%d",&n);
    n=n/10;
    printf("After Removing last digit the Number is %d",n);
    getch();
    return 0;
}
```

# **1. Write a program to print unit digit of a given number**

```
#include<stdio.h>
#include<conio.h>
int main()
{   int n;
    printf("Enter a Number:\n");
    scanf("%d",&n);
    n=n%10;
    printf("Your unit digit is %d",n);
    getch();
    return 0;
}
```