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

Ans. #include<stdio.h>

int main()

{

int a,b;

printf("Enter Any Number");

scanf("%d",&a);

b=a%10;

printf("The unit digit of %d is %d",a,b);

return 0;

}

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

Ans #include<stdio.h>

int main()

{

int a,b;

printf("Enter Any Number");

scanf("%d",&a);

b=a/10;

printf("The New Number is %d",b);

return 0;

}

1. Write a program to swap values of two int variables

Ans. #include<stdio.h>

int main()

{

int a,b,c;

printf("Enter Any Two Numbers");

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

c=a+b;

b=c-b;

a=c-a;

printf("After Swaping Numbers are %d ,%d",a,b);

return 0;

}

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

Ans. #include<stdio.h>

int main()

{

int a,b;

printf("Enter Any Two Number");

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

a=a+b;

b=a-b;

a=a-b;

printf("After Swaping Numbers are %d ,%d",a,b);

return 0;

}

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

Ans. #include<stdio.h>

int main()

{

int a,rem=0,sum=0;

printf("Enter Any Three Digit Number");

scanf("%d",&a);

rem=a%10;

a=a/10;

sum=sum+rem;

rem=a%10;

a=a/10;

sum=sum+rem;

rem=a%10;

a=a/10;

sum=sum+rem;

printf("Sum of all three digit %d ",sum);

return 0;

}

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

Ans. #include<stdio.h>

int main()

{

char x;

printf("Enter Any Character");

scanf("%c",&x);

printf("ASCII code is %d",x);

return 0

}

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

Ans. #include<stdio.h>

int main()

{

int x,count=0,res=0;

printf("Enter The Number");

scanf("%d",&x);

while(x!=0)

{

res= x & 1;

count++;

if(res == 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.

Ans #include<stdio.h>

int main()

{

int x;

printf("Enter Any Number");

scanf("%d",&x);

if (x & 1)

printf("The Number is ODD");

else

printf("The Number is EVEN");

return 0;

}

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

Ans #include<stdio.h>

int main()

{

int a,b,c,d;

a=sizeof(int);

b=sizeof(float);

c=sizeof(char);

d=sizeof(double);

printf("\nSize of int %d",a);

printf("\nSize of float %d",b);

printf("\nSize of char %d",c);

printf("\nSize of double %d",d);

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)

Ans #include<stdio.h>

int main()

{

int a,b;

printf("Enetr Any Number : ");

scanf("%d",&a);

b=a/10;

b=b\*10;

printf("The New Number is %d",b);

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).

Ans. #include<stdio.h>

int main()

{

int a,b,c;

printf("Enter any Number : ");

scanf("%d",&a);

printf("\nEnter a Digit : ");

scanf("%d",&b);

c=a\*10+b;

printf("The New Number is %d",c);

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.

Ans. #include<stdio.h>

int main()

{

float a,b;

printf("Enter Amount INR : ");

scanf("%f",&a);

b=a/76.23;

printf("The Amount is %f USD",b);

return 0;

}

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

Ans. #include<stdio.h>

int main()

{

int n;

printf("Enter any Three digit Number : ");

scanf("%d",&n);

n=n%10\*100+n/10;

printf("New Number is %d",n);

return 0;

}