**Assignment-4: More on Operators in C Language**

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

2. Write a program to find ASCII code of the character '+.

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

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

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

5. 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)

6. Assume price of 1 USD is INR 84.23. Write a program to take the amount in INR and convert it into USD

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

8. What will be the value stored in the variable × after executing following statement:

x=10>8>4:

9. What will be the value stored in the variable × after executing following statement:

X=!2>-2;

10. What will be the value stored in the variable × after executing following statement:

X=3<0&&5>0;

1

#include<stdio.h>

int main(){

int n,sum;

printf("Enter any three digit no.");

scanf("%d",&n);

sum=n/100+n/10%10+n%10;

printf("Sum of three digit no. %d",sum);

}

2

#include<stdio.h>

int main(){

char ch='+';

printf(" %c ASCII Code is %d",ch,ch);

}

3

#include<stdio.h>

int main(){

int x;

x=sizeof(char);

printf("Size of char in bytes %d\n",x);

x=sizeof(int);

printf("Size of int in bytes %d\n",x);

x=sizeof(float);

printf("Size of float in bytes %d\n",x);

x=sizeof(double);

printf("Size of double in bytes %d",x);

}

4

#include<stdio.h>

int main(){

int n;

printf("Enter any no.");

scanf("%d",&n);

n=(n-n%10);

printf("Given number make the last digit zero %d",n);

}

5

#include<stdio.h>

int main(){

int n,digit;

printf("Enter any no.");

scanf("%d",&n);

printf("Enter any one digit ");

scanf("%d",&digit);

n=n\*10+digit;

printf("A digit is append for given no. %d",n);

}

6

#include<stdio.h>

int main(){

float x,d;

printf("Enter the in INR ");

scanf("%f",&x);

d=x/83.23;

printf("USD is %0.2f$ ",d);

}

7

#include<stdio.h>

int main(){

int x,rot;

printf("Enter any no. ");

scanf("%d",&x);

rot=x%10\*100+x/10;

printf("Rotate its digit %d",rot);

}

8#include<stdio.h>

int main(){

int x;

x=10>8>2;

printf("After executing statement x is stored: %d",x);

}

9

#include<stdio.h>

int main(){

int x;

x=!2>2;

printf("After executing statement x is stored: %d",x);

}

10

#include<stdio.h>

int main(){

int x;

x=3<0&&5>0;

printf("After executing statement stored value in x %d:",x);

}