**Assignment – 2 A Job Ready Bootcamp in C++, DSA and IOT MySirG**

***Input and output in C Language***

***Name : - Abhishek Kumar***

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

#include<stdio.h>

int main()

{

    int n,n1;

    printf("Enter the numbers:");

    scanf("%d",&n);

    n1 = n%10;

    printf("Unit of digit: %d\n",n);

    printf("Multiple unit of digit: %d",n1);

    return 0;

}

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

#include<stdio.h>

int main()

{

    int n,l,f;

    printf("Enter the numbers:");

    scanf("%d",&n);

    l = n%10;

    f = n/10;

    printf("Without its last digit: %d\n",f);

    return 0;

}

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

#include<stdio.h>

int main()

{

    int a,b,temp;

    printf("Enter the two numbers:");

    scanf("%d %d",&a,&b);

    printf("Before swapp a=%d,b=%d\n",a,b);

    temp = a;

    a = b;

    b = temp;

    printf("After swapp a=%d,b=%d\n",a,b);

    return 0;

}

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

#include<stdio.h>

int main()

{

    int a,b;

    printf("Enter the two numbers:");

    scanf("%d %d",&a,&b);

    printf("Before swapp a=%d,b=%d\n",a,b);

    a = a+b;

    b = a-b;

    a = a-b;

    printf("After swapp 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=5,b=7,c=8;

    int sum=0;

    sum = a+b+c;

    printf("Sum of the digit: %d\n",sum);

    return 0;

}

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

#include<stdio.h>

int main()

{

    char ch;

    printf("Enter the character:");

    scanf("%ch",&ch);

    printf("ASCII code %d",ch);

    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 n;

    printf("Enter the numbers:");

    scanf("%d",&n);

    if(n&1)

    {

        printf("Odd");

    }

    else

    {

        printf("Even");

    }

    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;

    printf("Size is %d\n",sizeof(int));

    printf("Size is %d\n",sizeof(float));

    printf("Size is %d\n",sizeof(char));

    printf("Size is %d\n",sizeof(double));

}

/\*/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>

int main()

{

    int n=2345;

    int x=n-5;

    printf("%d ",x);

    return 0;

}

/\*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>

int main()

{

    int n,b=0,c;

    printf("Enter the number:");

    scanf("%d",&n);

    c = b+9;

    printf("Include the number %d%d",n,c);

    return 0;

}