Assignment - 4

C Language (MySirG)

1.Write a C program to print Hello students on the screen.

Program:-

#include <stdio.h>

int main()

{

    printf("Hello students");

  return 0;

}

Output= PS C:\B-TECH\cwsirg> cd "c:\B-TECH\cwsirg\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }

Hello students

2. Write a C Program to print Hello on the first line and Students in the second line.

Program:-

#include <stdio.h>

int main()

{

    printf("Hello\nStudents\n");

    return 0;

}

Output= > cd "c:\B-TECH\cwsirg\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }

Hello

students

3. Write a C program to print “MySirG” on the screen.

Program:-

#include <stdio.h>

int main()

{

    printf("\"MysirG\"\n");

}

Output= PS C:\B-TECH\cwsirg> cd "c:\B-TECH\cwsirg\" ; if ($?) { gcc mysirg.c -o mysirg } ; if ($?) { .\mysirg }

"MysirG"

4. Write a C program to print “Teacher’s Day” on the screen.

Program:-

#include <stdio.h>

int main()

{

  printf("\"Teacher's Day\"\n");

return 0;

}

Output= PS C:\B-TECH\cwsirg> cd "c:\B-TECH\cwsirg\" ; if ($?) { gcc mysirg.c -o mysirg } ; if ($?) { .\mysirg }

"Teacher's Day"

5. Write a C program to print \n on the screen.

#include <stdio.h>

int main()

{

    printf("\\n");

    return 0;

}

Output= \n

6. Write a C program to print %d on the screen.

Program:-

#include <stdio.h>

int main()

{

    printf("%%d");

    return 0;

}

Output= %d

7. Write a C program containing declaration of three variables (of type int, char and float), also assign some values to them and print values of all three variables using single printf().

Program:-

#include <stdio.h>

int main()

{

    int a=5;

    float b=3.5;

    char c='A';

    printf("The value of the three variable is:- \n%d\n%f\n%c\n",a,b,c);

    return 0;

}

Output=

The value of the three variable is:-

5

3.500000

A

9. Write a C program to print character stored in a char variable, also print its ASCII code.

#include<stdio.h>

int main()

{

    int x;

    printf("Enter a digit: ");

    scanf("%d", &x);

//%c displays the actual character

    //%d displays the integer value of a character

printf("ASCII code of %d = %c", x, x);

return 0;

}

Output=

Enter a character: A

ASCII value of A = 65