**C PROGRAMMING ASSIGNMENT:**

**4**

DATE: 28.10.21

SUBMITTED BY: -

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BRANCH: CSE

SECTION: B22

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**Program 1:** //evaluation

Code:

#include<stdio.h>

int main(int argc, char const \*argv[])

{

    int a,b,c;

    float d;

    a=3;

    b=4;

    c=2;

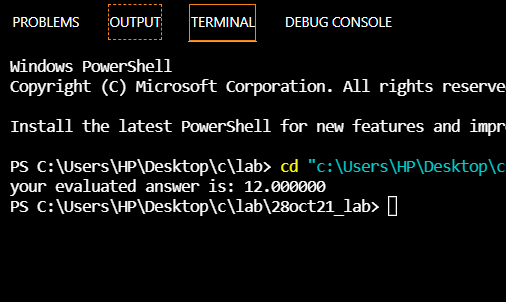
    d=a+b\*c/2-(a-b)\*5;

    printf("your evaluated answer is: %f",d);

    return 0;

}

Output:



Program 2: //evaluation

Code:

#include<stdio.h>

int main(int argc, char const \*argv[])

{

    int a,b,c;

    int d;

    a=2;

    b=3;

    c=4;

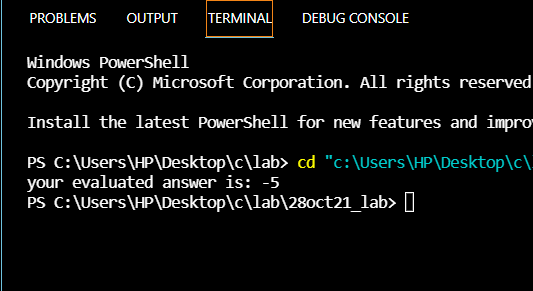
    d=a+++--b-++c-++a;

    printf("your evaluated answer is: %d",d);

    return 0;

}

Output:



**Program 3:** // evaluation

Code:

#include<stdio.h>

int main(int argc, char const \*argv[])

{

    int a,b,c,d;

    a=5;

    b=10;

    c=++a+b--;

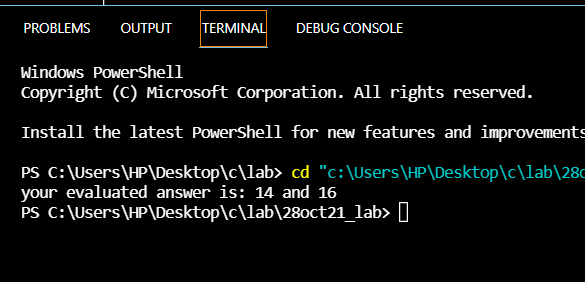
    d=a+++--b;

    printf("your evaluated answer is: %d and %d",d,c);

    return 0;

}

Output:



**Program 4:** //evaluation

Code:

#include<stdio.h>

int main(int argc, char const \*argv[])

{

    int x;

    float a,b,c,d;

    a=3.54;

    b=4.87;

    c=2.83;

    x=5.40;

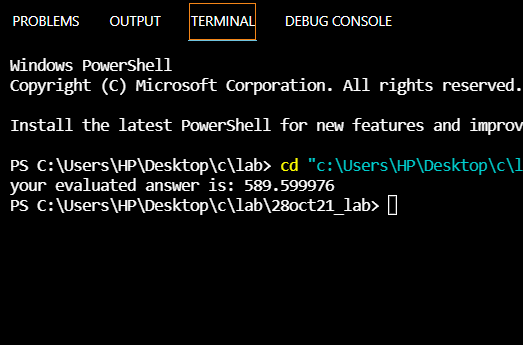
    d=3\*a\*x+10\*b\*x+20\*c\*x+10;

    printf("your evaluated answer is: %f",d);

    return 0;

}

Output:



**Program 5:** Write a program to find area of a circle

Code:

#include<stdio.h>

#define pi 3.14

void main()

{

    float r,a;

    printf("Enter the radius of the circle:\n");

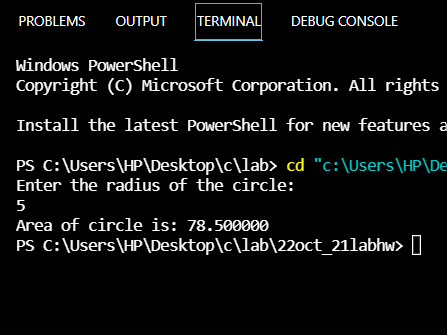
    scanf("%f",&r);

    a=pi\*r\*r;

    printf("Area of circle is: %f",a);

}

Output:



**Program 6:** Write a program to convert degree Celsius to Fahrenheit.

Code:

#include<stdio.h>

int main(int argc, char const \*argv[])

{

    float c,f;

    printf("Enter the degree in celsius");

    scanf("%f",&c);

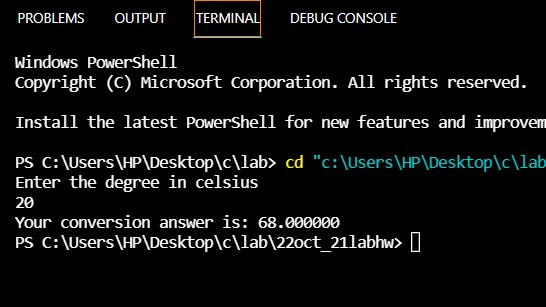
    f=(c\*(9/5.0f))+32;

    printf("Your conversion answer is: %f",f);

    return 0;

}

Output:



**Program 7:** Write a program to find volume of a cylinder

Code:

#include<stdio.h>

#define pi 3.14

int main(int argc, char const \*argv[])

{

    float r,h,a;

    printf("Enter the radius\n");

    scanf("%f",&r);

    printf("Enter the height\n");

    scanf("%f",&h);

    a=pi\*r\*r\*h;

    printf("The volume of the cylinder is %f",a);

    return 0;

}

Output:

