Question 1-

```c
#include<stdio.h>

int main()

{

printf("my name is nitin\n");

printf("my enrollment no. is NBTG13715\n");

printf("my BATCH is F8\n");

printf("my college name is JIIT\n");

return 0;

}
```
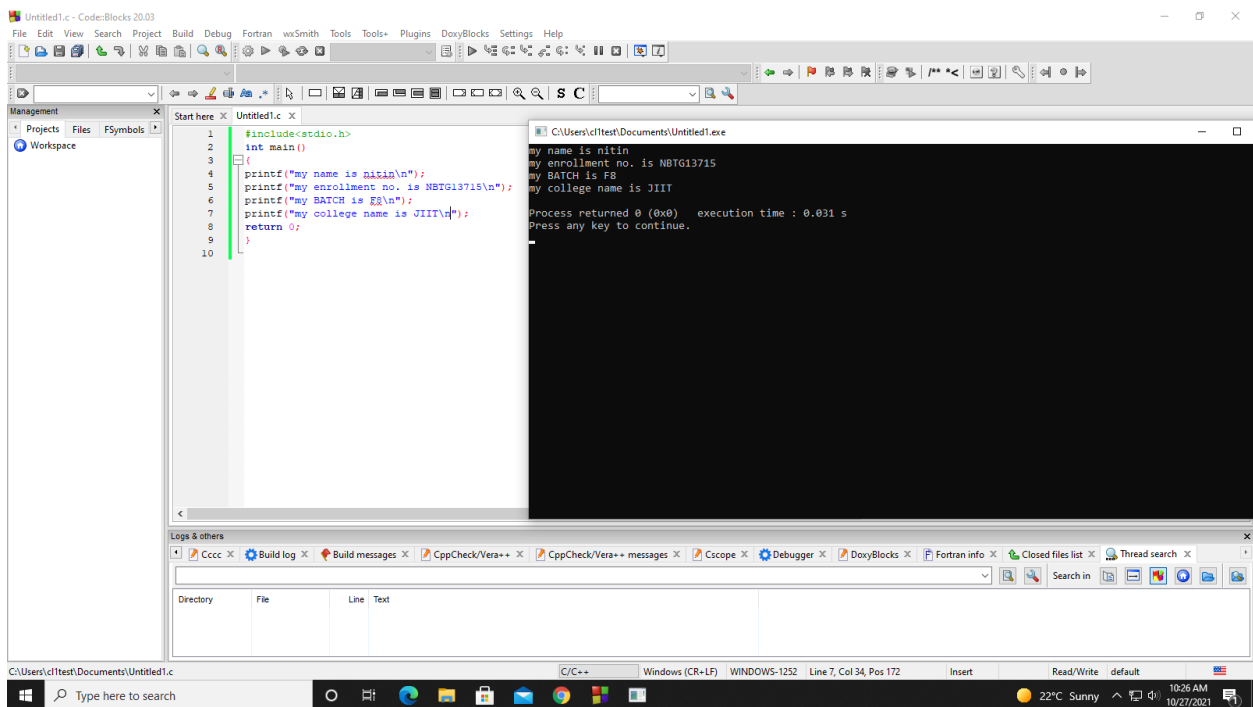


Question2-

```c
#include<stdio.h>

int main()

{
```

```c
    int a;

    int b;

    float c;

    a=10;

    b=15;

    c=12.6;

    printf("values are:\n%d\n%d\n%f\n",a,b,c);

}
```
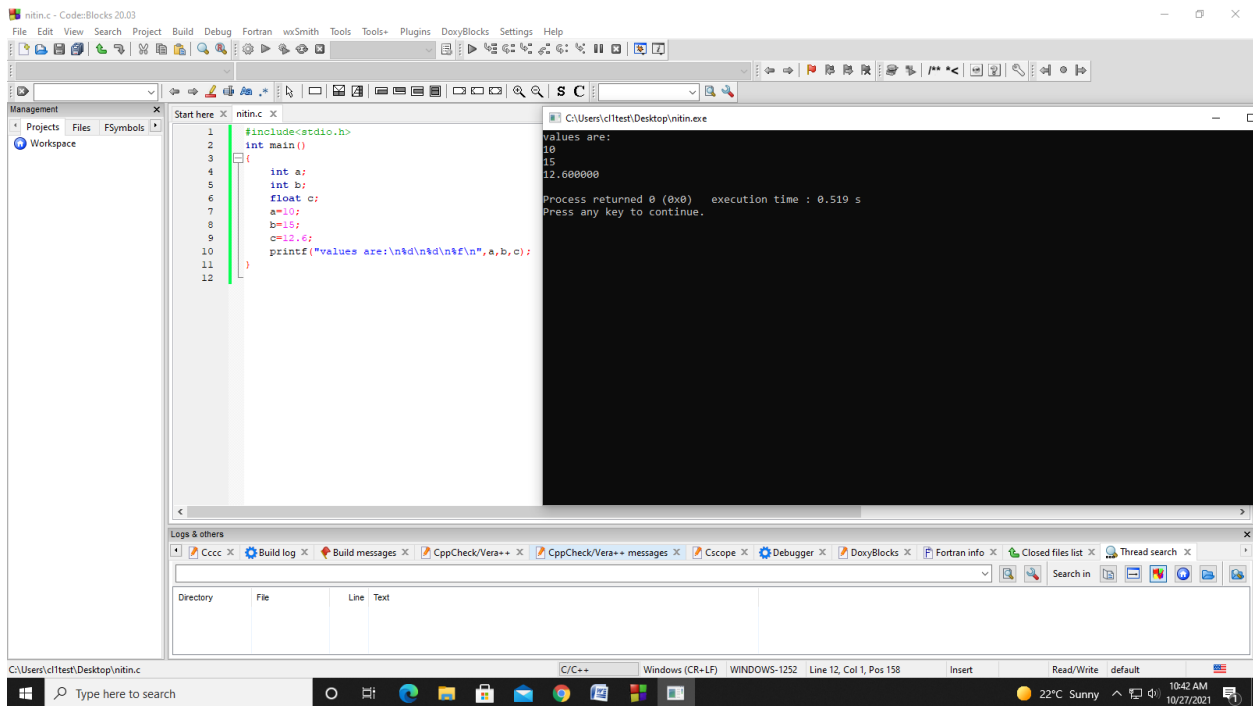


Question 3-

```c
#include<stdio.h>

int a;//global variable

int main()

{

    a=12;
```
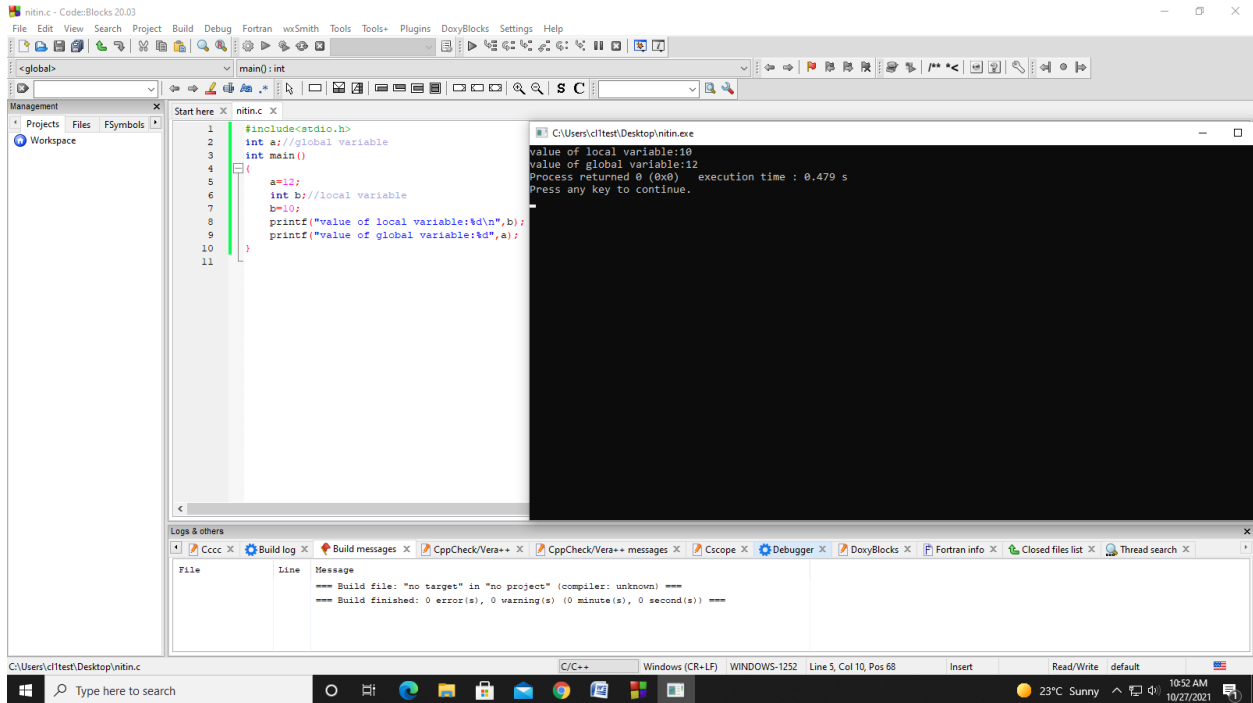
int b;//local variable

b=10;

printf("value of local variable:%d\n",b);

printf("value of global variable:%d",a);

}



Question 4-

#include<stdio.h>

int main()

{

    int a=4;

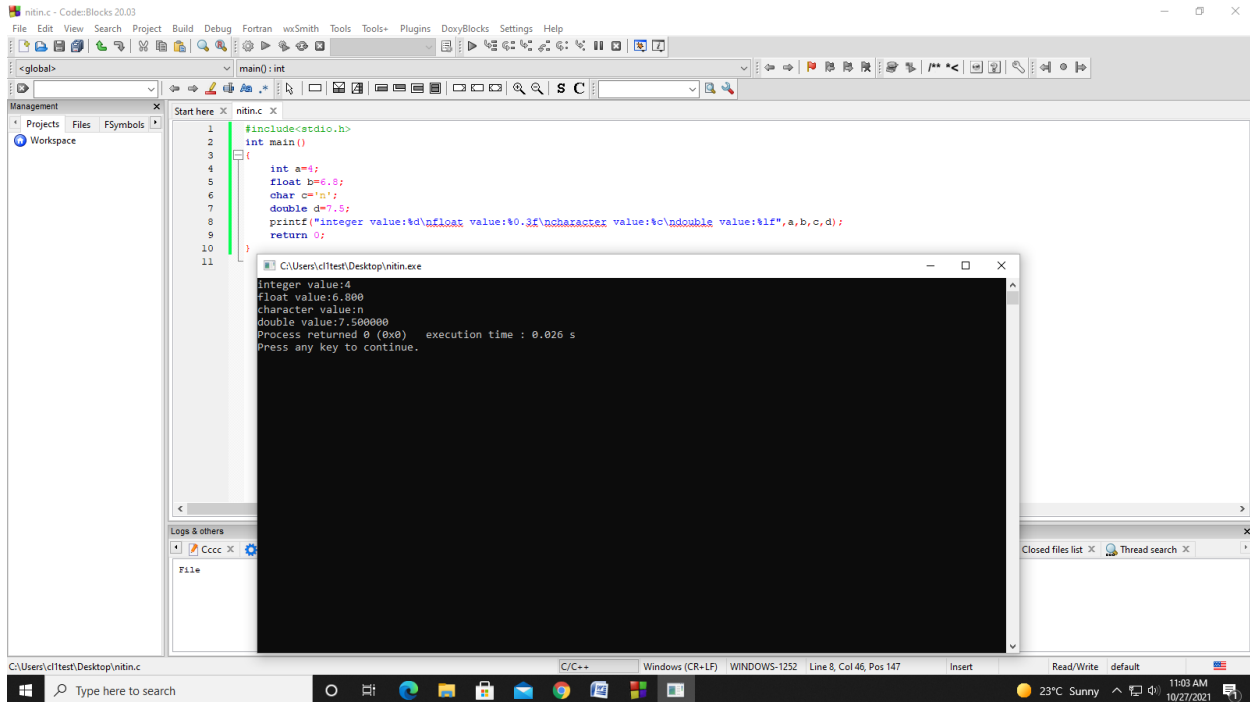    float b=6.8;

    char c='n';

    double d=7.5;

printf("integer value:%d\nfloat value:%0.3f\ncharacter value:%c\ndouble value:%lf",a,b,c,d);

return 0;

}



Question 5-

#include<stdio.h>

int main()

{

int a,b;

printf("enter first number:");

scanf("%d",&a);

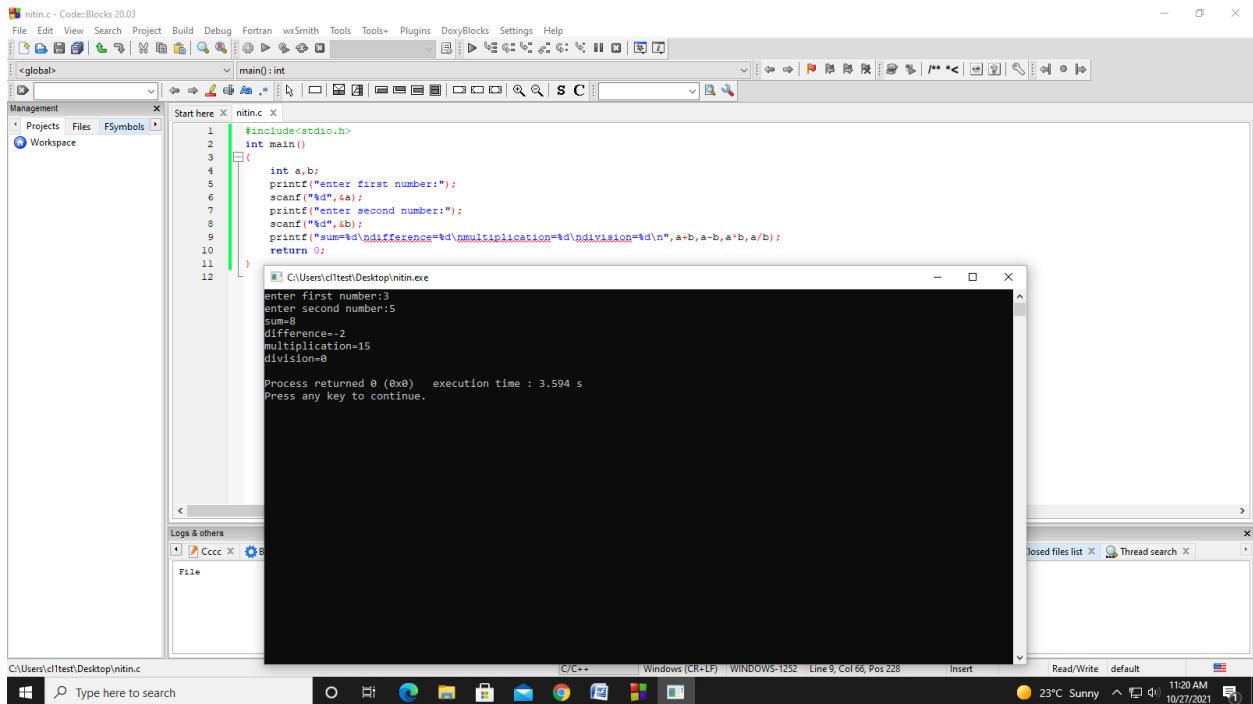printf("enter second number:");

scanf("%d",&b);

printf("sum=%d\ndifference=%d\nmultiplication=%d\ndivision=%d\n",a+b,a-b,a*b,a/b);

return 0;

}



Question 6:

#include<stdio.h>

int main()

{

   float a,b,product;

   printf("enter first number:");

   scanf("%f",&a);

   printf("enter second number:");

   scanf("%f",&b);

   product=a*b;

   printf("\nproduct is%f",product);

   return 0;

}
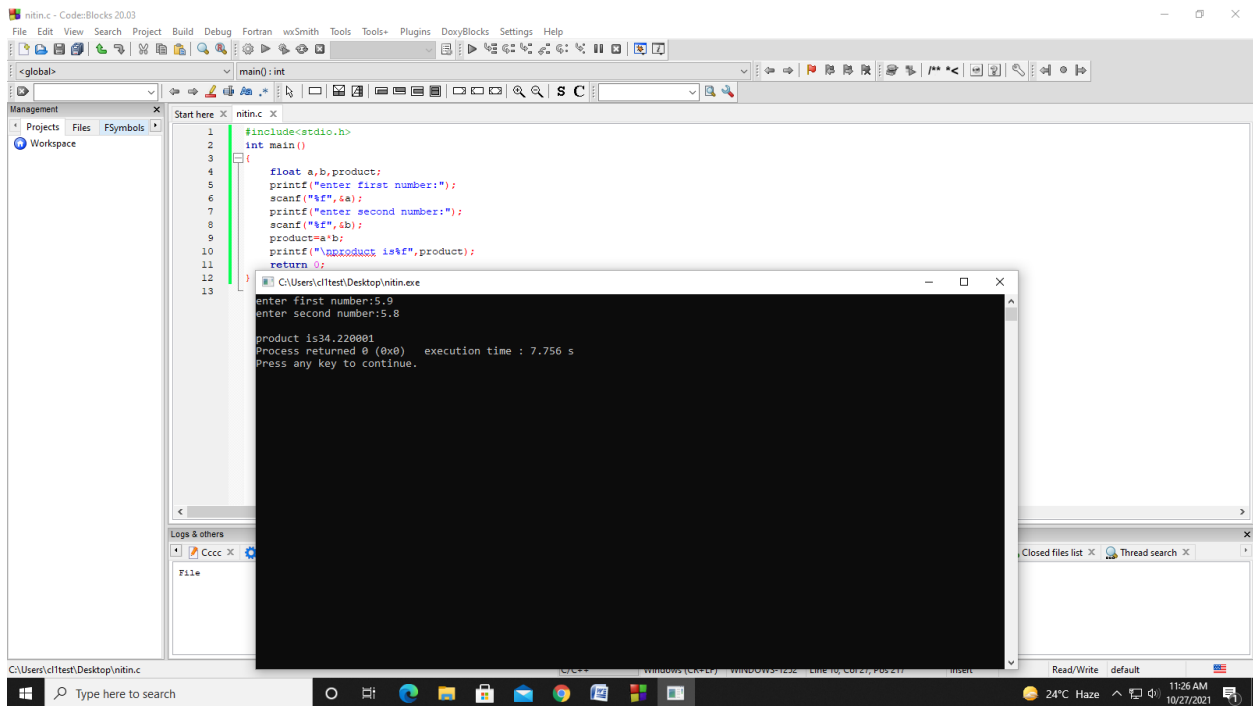


Question-7

```c
#include<stdio.h>

int main()

{

float a;

printf("enter distance between two cities in Km:");

scanf("%f",&a);

printf("\ndistance in metres=%.1f",a*1000);

printf("\ndistance in feet=%.1f",a*3280.8);

printf("\ndistance in inches=%.1f",a*39370.1);

printf("\ndistance in centimetres=%.1f",a*100000);

return 0;
```

}



Question 8-

```c
#include<stdio.h>

int main()

{

    float a,b,c,d,e,agg_marks;

    printf("enter marks of first subject:");

    scanf("%f",&a);

    printf("\nenter marks of second subject:");

    scanf("%f",&b);

    printf("\nenter marks of third subject:");
```

scanf("%f",&c);

printf("\nenter marks of fourth subject:");

scanf("%f",&d);

printf("\nenter marks of fifth subject:");

scanf("%f",&e);

agg_marks=a+b+c+d+e;

printf("\naggregate marks=%.1f",agg_marks);

printf("\npercentage marks=%.1f",agg_marks/5);

return 0;

}



Question-9

#include<stdio.h>

int main()

{

float a,b;

printf("enter tmperature in fahrenheit degrees:");

scanf("%f",&a);

b=(a-32)*0.5556;

printf("\ntmperature in centigrade degrees:%f",b);

return 0;

}

Q



Question-10

```c
#include<stdio.h>

int main()
{
    float a,b,r;
    printf("enter lenth of rectangle:");
    scanf("%f",&a);
    printf("enter breadth of rectangle:");
    scanf("%f",&b);
    printf("enter radius of circle");
    scanf("%f",&r);
    printf("\narea of rectangle:%f",a*b);
    printf("\nperimeter of rectangle:%f",(a+b)*2);
    printf("\narea of circle:%f",3.141*r*r);
    printf("\nperimeter of circle%f",2*3.141*r);
    return 0;
}
```

```c
#include<stdio.h>
int main()
{
    float a,b,r;
    printf("enter lenth of rectangle:");
    scanf("%f",&a);
    printf("enter breadth of rectangle:");
    scanf("%f",&b);
    printf("enter radius of circle");
    scanf("%f",&r);
    printf("\narea of rectangle:%f",a*b);
    printf("\nperimeter of rectangle:%f",(a+b)*2);
    printf("\narea of circle:%f",3.141*r*r);
    printf("\nperimeter of circle%f",2*3.141*r);
    return 0;
}
```

```
enter lenth of rectangle:2
enter breadth of rectangle:3
enter radius of circle5

area of rectangle:6.000000
perimeter of rectangle:10.000000
area of circle:78.525000
perimeter of circle31.410000
Process returned 0 (0x0)   execution time : 10.383 s
Press any key to continue.
```