Practical no 1

Q1.

#include<stdio.h>

int main ()

{

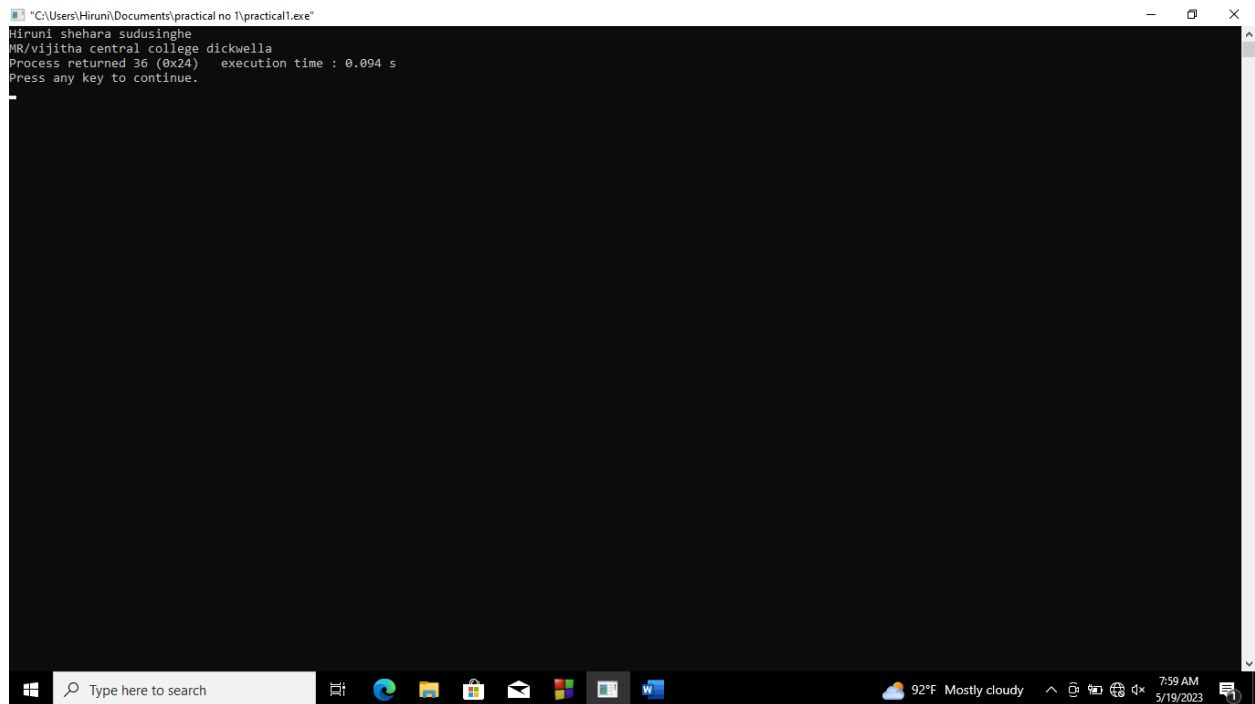   printf("Hiruni Shehara Sudusinghe\n");

   printf("MR/Vijitha Central College Dickwella");

}

OUTPUT

Q2.

#include<stdio.h>

int main ()

{

   printf("*\n");

   printf("**\n");

   printf("***\n");

   printf("****\n");

   printf("*****\n");

}

OUTPUT

Q3.

```c
#include<stdio.h>
int main ()
{
    int itemno, qty;
    char desc[20];
    float price, tprice;
    printf("enter iterm no");
    scanf("%d",&itemno);
    printf ("enter item quantity");
    scanf("%d",&qty);
    printf("enter item description");
    scanf("%c",&desc);
    printf("enter iterm price");
    scanf("%f",&price);
    tprice=qty*price;
    printf("item no %d\n", &itemno);
    printf("description %c\n",&desc);
    printf("total price %.2f\n",&tprice);
}
```

Q4.

```c
#include<stdio.h>
int main()
{
    int num1,num2,total;
    printf("enter first number");
    scanf("%d,&num1");
    printf("enter second number");
```
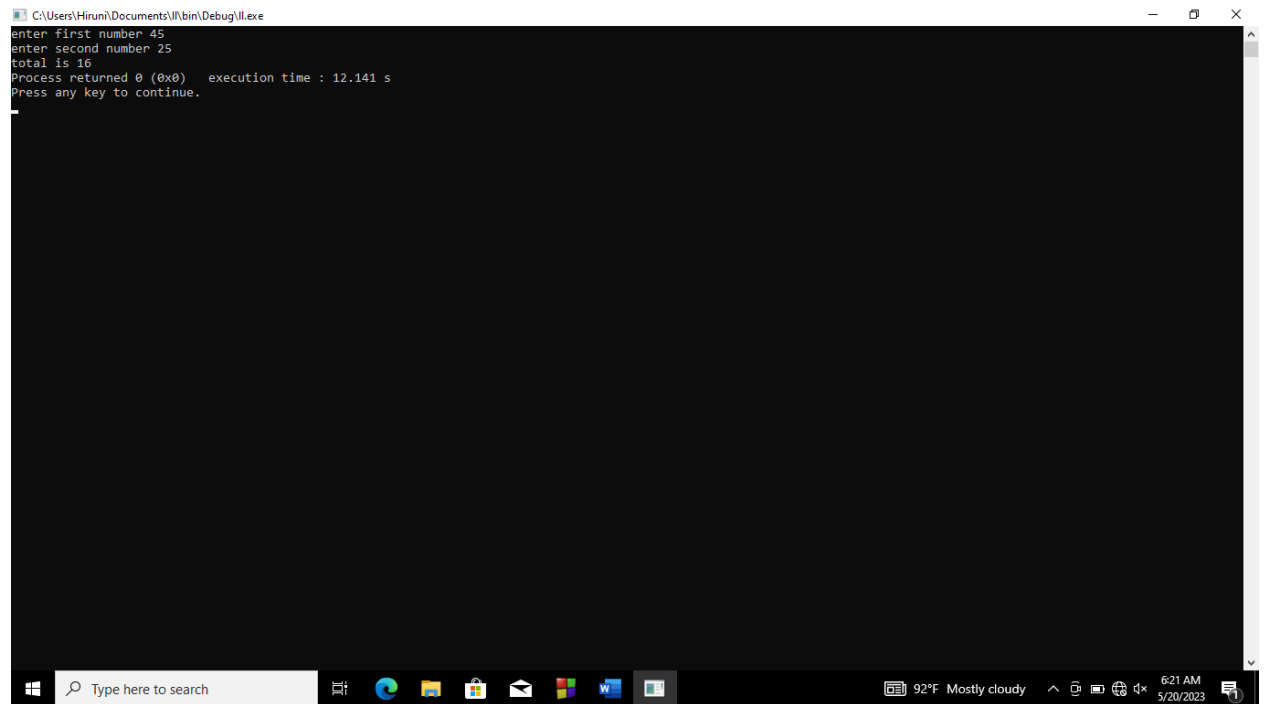
```c
    scanf("%d,&num2");

    total=num1+num2;

    printf("total is %d",total);

return 0;

}
```

Output

Q5.

```c
 #include<stdio.h>

int main()

{

    float num1,num2,total;

    printf("enter first number");

    scanf("%d,&num1");

    printf("enter second number");

    scanf("%d,&num2");
```

```c
    total=num1+num2;

    printf("total is %d",total);

    return 0;

}
```

Q6.

```c
#include<stdio.h>

int main()

{

    float num1,num2,total;

    printf("enter first number");

    scanf("%d,&num1");

    printf("enter second number");

    scanf("%d,&num2");

    total=num1+num2;

    printf("total is %d",total);

    return 0;

}
```

Q7.

```c
#include<Stdio.h>

int main()

{

    float num1, num2, temp;

    printf(" Enter the first number");

    scanf("%f",&num1);

    printf("Enter the second number");
```
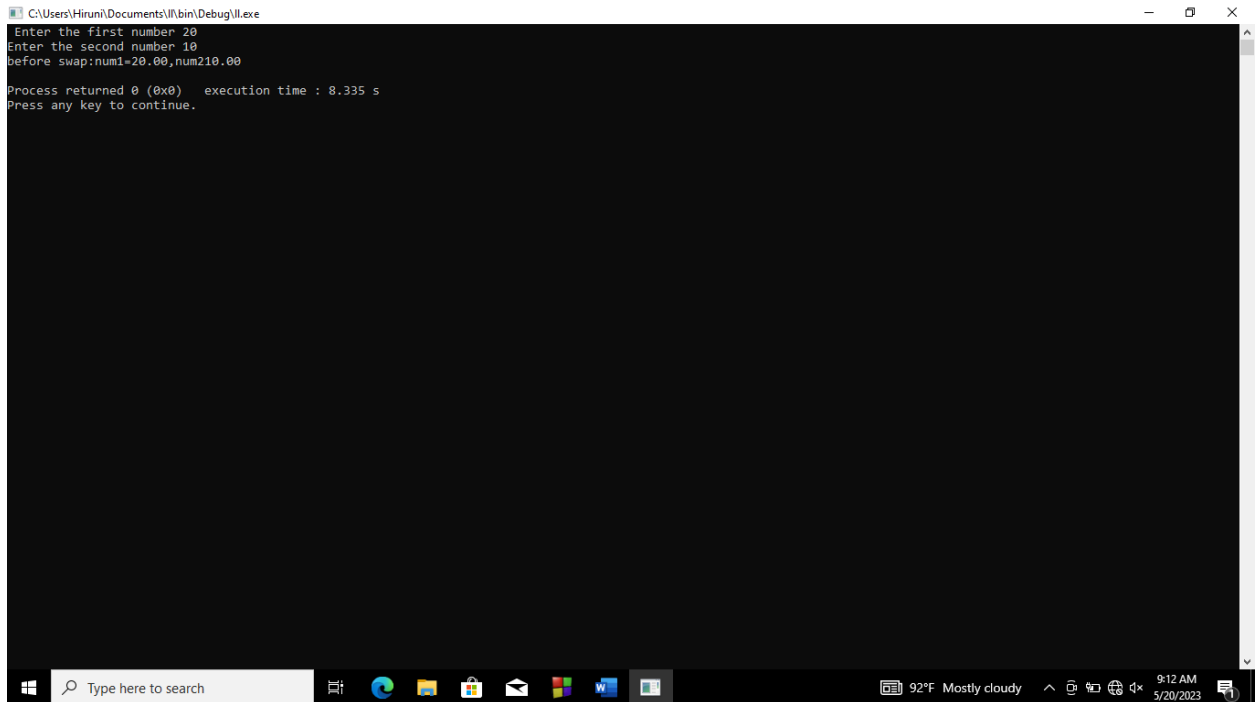
```
    scanf("%f",& num2);

    printf("before swap:num1=%.2f,num2%.2f\n",num1,num2);

    return 0;

}
```

Output

Practical no 2

Q1.

```
#include<Stdio.h>

int main()

{

    int age;


    printf("HI HOW OLD ARE YOU?\n");
```

```c
    scanf("%d",&age);

    printf("\n\n Welcome(%d)",age);

    printf("\nLets be friends!");

    return 0;

}
```
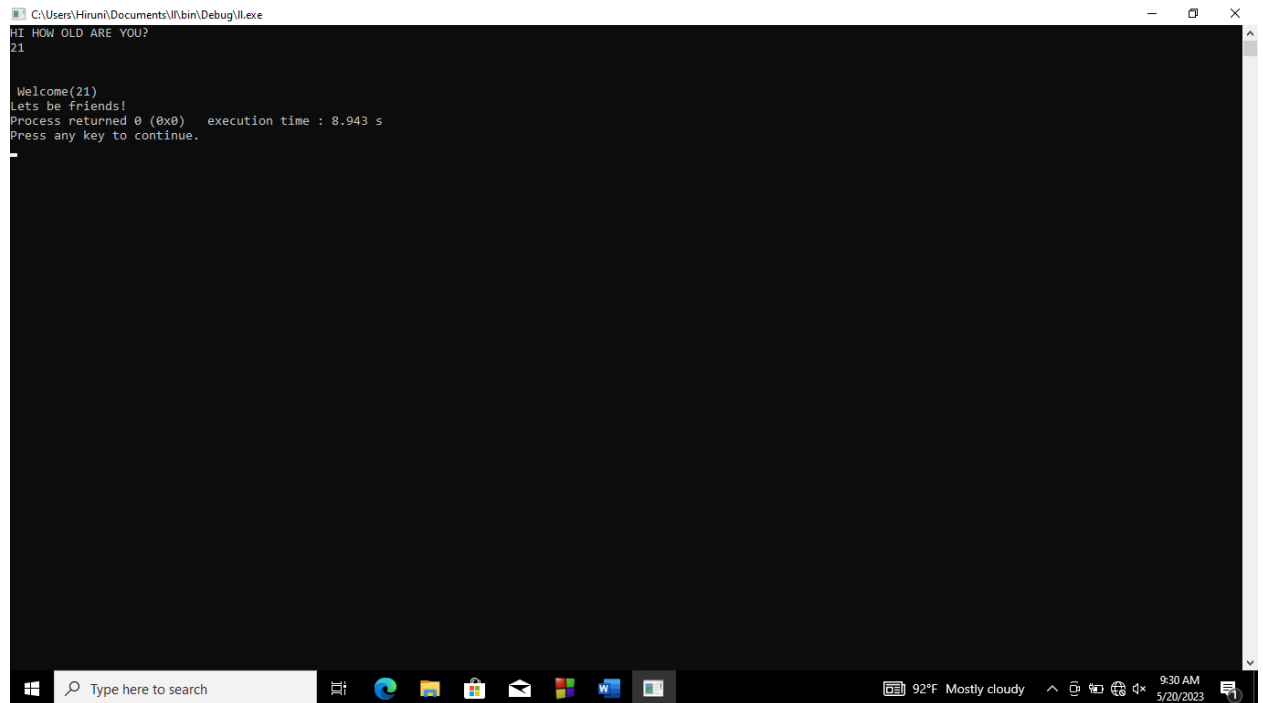
Output
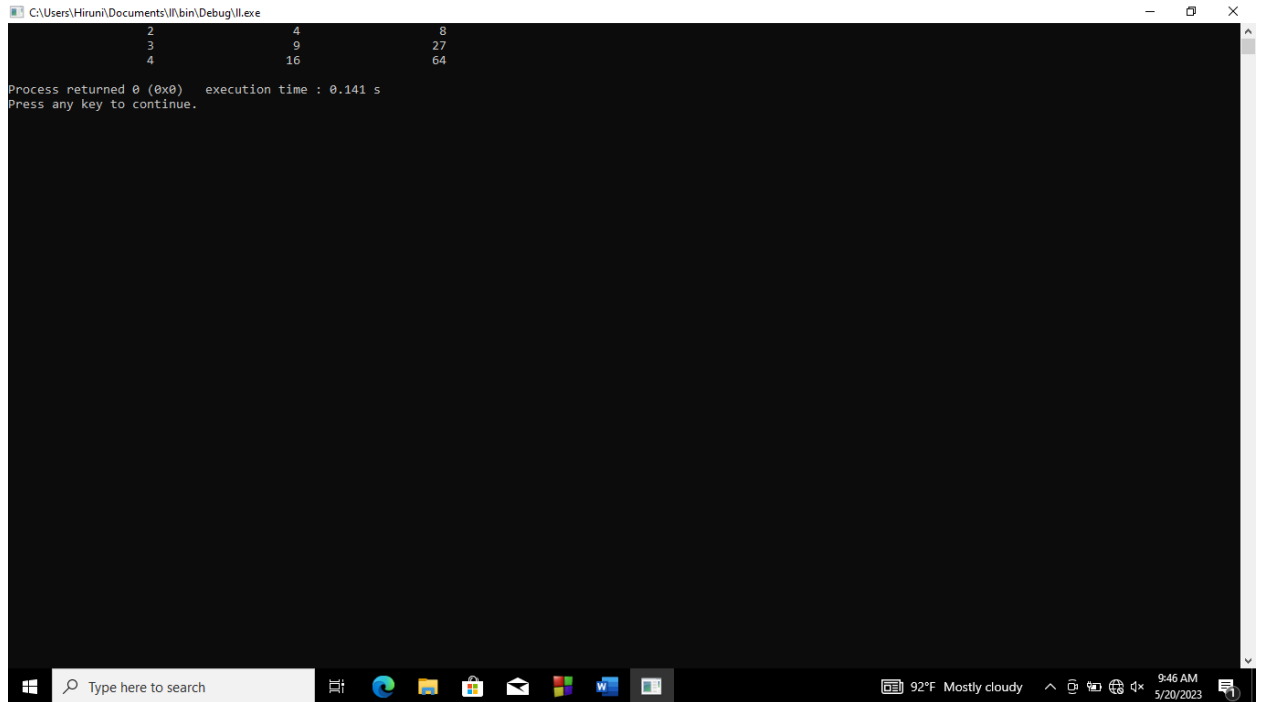

Q3.

```c
#include<Stdio.h>

int main()

{


    printf("%20d%20d%20d\n",2,4,8);

    printf("%20d%20d%20d\n",3,9,27);

    printf("%20d%20d%20d\n",4,16,64);
```

```
        return 0;

    }
```

output

```
            2                4                8
            3                9                27
            4                16               64

Process returned 0 (0x0)    execution time : 0.141 s
Press any key to continue.
```

Q3.

```
#include<Stdio.h>

int main()

{

    double distance,speed,time;

    printf("enter total distance (in meters)");

    scanf("%if",&distance);


    printf("enter the time (in seconds)");

    scanf ("%if,time");


    speed=distance/time;
```
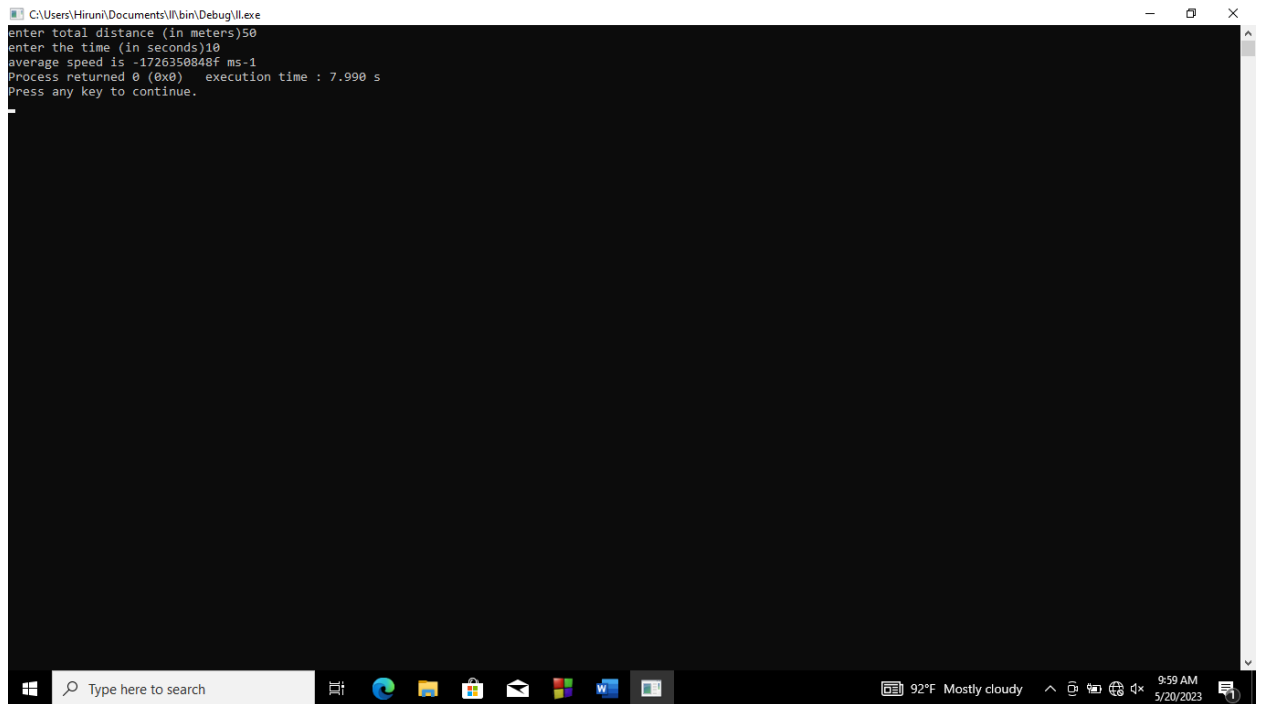
```
    printf("average speed is %if ms-1");

 return 0;

}
```

Output


```
C:\Users\Hiruni\Documents\ll\bin\Debug\ll.exe
enter total distance (in meters)50
enter the time (in seconds)10
average speed is -1726350848f ms-1
Process returned 0 (0x0)   execution time : 7.990 s
Press any key to continue.
```

Q4.

```
#include<Stdio.h>

int main()

{

    float temp,fehr,celsius;

    printf("Enter temperature in farenhiet");

    scanf("%f",&fehr);


    celsius=(fehr-32)*(5/9);

    printf("temperature in celsius;%.2f",celsius);
```

```
    return 0;

}
```