

CSO 101

ASSIGNMENT WEEK 4

SCREENSHOTS

Q1. Write a program to input a character from the user and find out whether it is a vowel or a consonant.

```
→ Assignment week 4 gcc 1.c
→ Assignment week 4 ./a.out
Enter a letter =
a
a is a vowel
→ Assignment week 4 ./a.out
Enter a letter =
e
e is a vowel
→ Assignment week 4 ./a.out
Enter a letter =
U
U is a vowel
→ Assignment week 4 ./a.out
Enter a letter =
D
D is a consonant
→ Assignment week 4 ./a.out
Enter a letter =
x
x is a consonant
```

Q.2 Write a program to find the roots of quadratic equation.

```
→ Assignment week 4 gcc 2.c -lm
→ Assignment week 4 ./a.out
Enter a , b , c (ax^2+bx+c)=
1
2
2
Equation has 2 Imaginary root.
Imaginary root of the equation are =
-1.00 + i1.41
-1.00 - i1.41
→ Assignment week 4 ./a.out
Enter a , b , c (ax^2+bx+c)=
1
2
1
Equation has 2 real root.
Real root of the equation are =
-1.00
-1.00
→ Assignment week 4 ./a.out
Enter a , b , c (ax^2+bx+c)=
5
8
3
Equation has 2 real root.
Real root of the equation are =
-16.84
-23.16
```

Submitted by:-

Name: Shivam Gupta

Roll no.: 21095106

Dept: Electronics Engineering (B.Tech)

Email: shivam.gupta.ece21@itbhu.ac.in
