

```
1 "D:\Embedded Course\Embedded-Diploma\cmake-build-
  debug\Assignment3.exe"
2 #####
3 ##### HW ARRAYS #####
4 #####
5 EX 1:
6 Please Enter Values for Matrix A:
7 Enter a11:2
8 Enter a12:0.5
9 Enter a21:-1.1
10 Enter a22:2
11 Please Enter Values for Matrix B:
12 Enter b11:0.2
13 Enter b12:0
14 Enter b21:0.23
15 Enter b22:23
16 2.2      0.5
17 -0.9     25.0
18 #####
19 EX 2:
20 Enter Number of Elements:6
21 Enter Number:45.3
22 Enter Number:67.5
23 Enter Number:-45.6
24 Enter Number:20.34
25 Enter Number:33
26 Enter Number:45.6
27 Average = 27.69
28 #####
29 EX 3:
30 Please Enter Rows
31 2
32 Please Enter Columns
33 3
34 Please Enter Values for Matrix:
35 Enter mat11:1
36 Enter mat12:2
37 Enter mat13:9
38 Enter mat21:0
39 Enter mat22:4
40 Enter mat23:7
```

```
41 Original Matrix
42 1      2      9
43 0      4      7
44 Transpose Matrix
45 1      0
46 2      4
47 9      7
48 #####
49 EX 4:
50 Please Enter number of elements:5
51 Please Enter numbers:1
52 2
53 3
54 4
55 5
56 Please Enter number to be inserted:6
57 Please Enter location2
58
59 1 6 2 3 4 5
60 #####
61 EX 5:
62 Please Enter number of elements:5
63 Please Enter numbers:11
64 22
65 33
66 44
67 55
68 Please Enter number to be Searched:44
69 Number found at location = 4
70 #####
71 ##### HW STRINGS #####
72 #####
73 EX 1:
74 Enter a String:This website is awesome.
75 Enter a Character:e
76 Frequency of e is: 4
77 #####
78 EX 2:
79 Enter a String:Programiz
80 length of string 9
81 #####
```

82 EX 3:

83 Enter a String:Pritesh

84 Reversed String is: hsetirP

85 Process finished with exit code 27

86