**What would be the output of the following programs:**

**//**

main( )

{

char c[2] = "A" ;

printf ( "\n%c", c[0] ) ;

printf ( "\n%s", c ) ;

}

**Output:**

**A**

**A**

**//**

main( )  
{  
char s[ ] = "Get organised! learn C!!" ;  
printf ( "\n%s", &s[2] ) ;  
printf ( "\n%s", s ) ;  
printf ( "\n%s", &s ) ;  
printf ( "\n%c", s[2] ) ;  
}

**Output:**

**t organised! learn C!!**

**Get organised! learn C!!**

**Get organised! learn C!!**

**t**

**//**

**main( )**

**{**

**char s[ ] = "No two viruses work similarly" ;**

**int i = 0 ;**

**while ( s[i] != 0 )**

**{**

**printf ( "\n%c %c", s[i], \*( s + i ) ) ;**

**printf ( "\n%c %c", i[s], \*( i + s ) ) ;**

**i++ ;**

**}**

**}**

**Output:**

**N N**

**N N**

**o o**

**o o**

**t t**

**t t**

**w w**

**w w**

**o o**

**o o**

**v v**

**v v**

**i i**

**i i**

**r r**

**r r**

**u u**

**u u**

**s s**

**s s**

**e e**

**e e**

**s s**

**s s**

**w w**

**w w**

**o o**

**o o**

**r r**

**r r**

**k k**

**k k**

**s s**

**s s**

**i i**

**i i**

**m m**

**m m**

**i i**

**i i**

**l l**

**l l**

**a a**

**a a**

**r r**

**r r**

**l l**

**l l**

**y y**

**y y**

**Fill in the blanks:**

(a) "A" is a s**tring** while ’A’ is a **character**.  
(b) A string is terminated by a \_**null** character, which is written as **‘\0’**.  
(c) The array char name[10] can consist of a maximum of **9** characters.  
(d). The array elements are always stored in memory  
locations.

**Ans:True**

**//output**

Enter full name (first middle last): Modon Mohon lal

Abbreviated name: M. M. lal

**Output**

Enter the year of your desired calendar: 1995

------------January-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

------------February-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28

------------March-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30 31

------------April-------------

Sun Mon Tue Wed Thu Fri Sat

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30

------------May-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

------------June-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3

4 5 6 7 8 9 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30

------------July-------------

Sun Mon Tue Wed Thu Fri Sat

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

------------August-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5

6 7 8 9 10 11 12

13 14 15 16 17 18 19

20 21 22 23 24 25 26

27 28 29 30 31

------------September-------------

Sun Mon Tue Wed Thu Fri Sat

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

------------October-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

------------November-------------

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4

5 6 7 8 9 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30

------------December-------------

Sun Mon Tue Wed Thu Fri Sat

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

**Output**

Enter a string to delete vowels

Modon mohon torkalonkar

String after deleting vowels: Mdn mhn trklnkr

**Output**

Enter the string

124

[0C #

[0C##

[0C #

[0C #

[0C #

[0C #

[0C #

[0C###

[8A[15C#####

[15C #

[15C #

[15C #

[15C#####

[15C#

[15C#

[15C#####

[8A[30C#

[30C#

[30C#

[30C# #

[30C#####

[30C #

[30C #

[30C #

[8A[8B

**Output**

Enter a line of sentence:

aeiou

The number of simultaneous occurance of two vowel=2

**Output:**

9923: nine thousand nine hundred twenty three

523: five hundred twenty three

89: eighty nine

8989: eight thousand nine hundred eighty nine

**Output:**

**Enter the string:**

**124**

**124**

**Output:**

Enter the string:

Modon Mohon Torkalonkar

enter the position to extract from: 3

enter the number of characters to extract: 5

Extracted string:

hon M

**Output**

**The time when night comes is when sun sets in west**