

PLACEMENT SERIES DAY- 10

Answer:

1. 35%
2. Ask the supervisor if she is aware of this situation.
3. 80
- 4.
5. To calculate the number of vowels and consonants in a string.

```
#include <stdio.h>
#include <ctype.h>

int main() {
    char inputString[100];
    int vowels = 0, consonants = 0, i;

    printf("Enter a string: ");
    fgets(inputString, sizeof(inputString), stdin);

    for (i = 0; inputString[i] != '\0'; i++) {
        char currentChar = tolower(inputString[i]);

        if (isalpha(currentChar)) {
            if (currentChar == 'a' || currentChar == 'e' || currentChar == 'i' ||
                currentChar == 'o' || currentChar == 'u') {
                vowels++;
            } else {
                consonants++;
            }
        }
    }

    printf("Number of vowels: %d\n", vowels);
    printf("Number of consonants: %d\n", consonants);

    return 0;
}
```

6. Two strings are considered as anagram of each other if the characters are same and their frequencies are same but the characters are arranged in different pattern.

Submitted By:-
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