

Practical 1

1)

Code:

```
#include <stdio.h>
int main()
{
    char letter;
    printf("Enter a letter: ");
    scanf("%c", &letter);
    switch (letter)
    {
        case 'a':
            printf("vowel");
            break;
        case 'e':
            printf("vowel");
            break;
        case 'i':
            printf("vowel");
            break;
        case 'o':
            printf("vowel");
            break;
        case 'u':
            printf("vowel");
            break;
        case 'A':
            printf("vowel");
            break;
        case 'E':
            printf("vowel");
            break;
        case 'I':
            printf("vowel");
            break;
        case 'O':
            printf("vowel");
```

```
        break;
    case 'U':
        printf("vowel");
        break;
    default:
        printf("Consonant");
        break;
    }
    return 0;
}
```

Output:

Enter a letter: a

vowelPS E:\app\Semester 1\AP\AP Practical\ap exam> cd "e:\app\Semester 1\AP\AP Practical\ap exam\" ; if (\$?) { gcc firsts.c -o firsts } ; if (\$?) { .\firsts }

Enter a letter: c

ConsonantPS E:\app\Semester 1\AP\AP Practical\ap exam> cd "e:\app\Semester 1\AP\AP Practical\ap exam\" ; if (\$?) { gcc firsts.c -o firsts } ; if (\$?) { .\firsts }