

- 8.3 Write a program that reads the answers for 10 multiple choice questions and processes the marks by checking the answer for each question and then prints out the statistics for the answers.

The sample declaration can be found as follows.

```
#include <stdio.h>
#include <ctype.h>
#define Array_Size 10

char ModelAns[Array_Size]={'A', 'B', 'B', 'C', 'D', 'A', 'B', 'C', 'D', 'A'};

int main (void)
{
    .
    .
    .
}
```

Sample running :

The program will help you to process an answer sheet of 10 multiple choice questions with four options. Please input answer for each question (A - D).

Answer for question[1] : *a*<CR>
 Answer for question[2] : *a*<CR>
 Answer for question[3] : *b*<CR>
 Answer for question[4] : *b*<CR>
 Answer for question[5] : *c*<CR>
 Answer for question[6] : *c*<CR>
 Answer for question[7] : *d*<CR>
 Answer for question[8] : *d*<CR>
 Answer for question[9] : *d*<CR>
 Answer for question[10] : *d*<CR>

Question[1] : A is correct
 Question[2] : A is incorrect (Correct Answer should be B)
 Question[3] : B is correct
 Question[4] : B is incorrect (Correct Answer should be C)
 Question[5] : C is incorrect (Correct Answer should be D)
 Question[6] : C is incorrect (Correct Answer should be A)
 Question[7] : D is incorrect (Correct Answer should be B)
 Question[8] : D is incorrect (Correct Answer should be C)
 Question[9] : D is correct
 Question[10] : D is incorrect (Correct Answer should be A)

There are 3 correct and 7 incorrect answers in this answer sheet

Do you want to try again (y/n)? n

End of Program