

QUIZ QUESTIONS

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

```
#include <stdlib.h>
```

```
#include <time.h>
```

```
int main() {
```

```
    char answer1;
```

```
    char answer2;
```

```
    char answer3;
```

```
    char answer4;
```

```
    int score = 0;
```

```
    jump1:
```

```
    printf("Choose the correct option\n");
```

```
    printf("What does the 'printf' function do in C?\n");
```

```
    printf("a) Read input from the user\nb) Print output to the console\nc)  
Perform mathematical calculations\nd) None of the above\n");
```

```
    time_t start_time = time(NULL);
```

```
    int elapsed_time = 0;
```

```
    scanf(" %c", &answer1);
```

```
elapsed_time = time(NULL) - start_time;
```

```
if (elapsed_time > 60) {
```

```
    printf("Time's up! You took more than 60 seconds. Moving to the next  
question.\n");
```

```
    goto jump2;
```

```
}
```

```
if (answer1 == 'b') {
```

```
    printf("Correct!\n");
```

```
    score++;
```

```
} else {
```

```
    printf("Wrong answer. The correct option is b) Print output to the  
console.\n");
```

```
}
```

```
char choice;
```

```
printf("Please enter 1 for the next question or any other value to submit:  
");
```

```
scanf(" %c", &choice);
```

```
if (choice == '1') {
```

```
    printf("Next question\n");
```

```
    goto jump2;
```

```
} else {  
    printf("Submitting quiz\n");  
    goto end;  
}
```

jump2:

```
printf("What is the correct way to declare an integer variable in C?\n");  
printf("a) int x = 5;\nb) integer x = 5;\nc) x = 5;\nd) var x = 5;\n");
```

```
start_time = time(NULL);  
elapsed_time = 0;
```

```
scanf(" %c", &answer2);
```

```
elapsed_time = time(NULL) - start_time;
```

```
if (elapsed_time > 60) {  
    printf("Time's up! You took more than 60 seconds. Moving to the next  
question.\n");  
    goto jump3;  
}
```

```
if (answer2 == 'a') {  
    printf("Correct!\n");
```

```

    score++;
} else {
    printf("Wrong answer. The correct option is a) int x = 5;\n");
}

printf("Please enter 1 for the next question or any other value to submit:
");
scanf(" %c", &choice);

if (choice == '1') {
    printf("Next question\n");
    goto jump3;
} else {
    printf("Submitting quiz\n");
    goto end;
}

jump3:

printf("What is the purpose of the 'return 0;' statement in the main
function of a C program?\n");

printf("a) Terminate the program\nb) Indicate an error\nc) Return a value
to the operating system\nd) Skip the main function\n");

start_time = time(NULL);

```

```
elapsed_time = 0;
```

```
scanf(" %c", &answer3);
```

```
elapsed_time = time(NULL) - start_time;
```

```
if (elapsed_time > 60) {
```

```
    printf("Time's up! You took more than 60 seconds. Moving to the next  
question.\n");
```

```
    goto jump4;
```

```
}
```

```
if (answer3 == 'a') {
```

```
    printf("Correct!\n");
```

```
    score++;
```

```
} else {
```

```
    printf("Wrong answer. The correct option is a) Terminate the  
program.\n");
```

```
}
```

```
printf("Please enter 1 for the next question or any other value to submit:  
");
```

```
scanf(" %c", &choice);
```

```
if (choice == '1') {  
    printf("Next question\n");  
    goto jump4;  
} else {  
    printf("Submitting quiz\n");  
    goto end;  
}
```

```
jump4:  
printf("Which of the following is not a valid C data type?\n");  
printf("a) int\nb) float\nc) string\nd) char\n");
```

```
start_time = time(NULL);  
elapsed_time = 0;
```

```
scanf(" %c", &answer4);
```

```
elapsed_time = time(NULL) - start_time;
```

```
if (elapsed_time > 60) {  
    printf("Time's up! You took more than 60 seconds.\n");  
    goto end;  
}
```

```
if (answer4 == 'c') {  
    printf("Correct!\n");  
    score++;  
} else {  
    printf("Wrong answer. The correct option is c) string.\n");  
}  
  
printf("\nCorrect options:\n");  
printf("Q1: b\tQ2: a\tQ3: a\tQ4: c\n");  
printf("Your answers:\n");  
printf("Q1: %c\tQ2: %c\tQ3: %c\tQ4: %c\n", answer1, answer2, answer3,  
answer4);  
printf("Your score is: %d out of 4\n", score);  
  
end:  
return 0;  
}
```