

QUIZ PROGRAM

```
#include <stdio.h>

#include <time.h>

int main() {

    char name[50]; // Assuming the name can be up to 50 characters

    int roll, ans, score = 0, wrong = 0, correct = 0;

    printf("-----quiz test-----\n");

    printf("Enter your name: ");

    scanf("%s", name);

    printf("Enter your roll no: ");

    scanf("%d", &roll);

    const int timeLimit = 10;

    clock_t start_time = clock();

    // Question 1

    printf("\nQ1: What is 2+2?\n");

    printf("1-4\t\t2-5\n");

    printf("3-7\t\t4-9\n");

    printf("Select option: ");

    scanf("%d", &ans);

    int remainingTime = timeLimit - ((clock() - start_time) / CLOCKS_PER_SEC);

    printf("\nTime remaining: %d seconds\n", remainingTime);

    if (remainingTime <= 0) {

        printf("Time limit exceeded! Quiz terminated.\n");
```

```
    return 0;
}
```

```
if (ans == 1) {
    score += 2;
    correct++;
} else {
    wrong++;
}
```

```
// Question 2
printf("\nQ2: What is 2*2?\n");
printf("1-7\t\t2-4\n");
printf("3-8\t\t4-5\n");
printf("Select option: ");
scanf("%d", &ans);
```

```
remainingTime = timeLimit - ((clock() - start_time) / CLOCKS_PER_SEC);
printf("\nTime remaining: %d seconds\n", remainingTime);
```

```
if (remainingTime <= 0) {
    printf("Time limit exceeded! Quiz terminated.\n");
    return 0;
}
```

```
if (ans == 2) {
    score += 2;
    correct++;
} else {
    wrong++;
}
```

```
printf("\nQ3: What is the capital of France?\n");
```

```
printf("1-London\t\t2-Paris\n");
```

```
printf("3-Berlin\t\t4-Madrid\n");
```

```
printf("Select option: ");
```

```
scanf("%d", &ans);
```

```
remainingTime = timeLimit - ((clock() - start_time) / CLOCKS_PER_SEC);
```

```
printf("\nTime remaining: %d seconds\n", remainingTime);
```

```
if (remainingTime <= 0) {
```

```
    printf("Time limit exceeded! Quiz terminated.\n");
```

```
    return 0;
```

```
}
```

```
if (ans == 2) {
```

```
    score += 2;
```

```
    correct++;
```

```
} else {
```

```
    wrong++;
```

```
}
```

```
printf("Student name: %s\n", name);
```

```
printf("Student roll no: %d\n", roll);
```

```
printf("Your score is: %d\n", score);
```

```
printf("Correct answers: %d\n", correct);
```

```
printf("Wrong answers: %d\n", wrong);
```

```
return 0;
```

```
}
```