

Easy C Programming Multiple-Choice Questions

1. What is the correct syntax to declare a variable in C?

a) int num; b) var num; c) integer num; d) num: integer;

Answer: a) int num;

2. What will be the output of the following code?

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

```
int main() {
```

```
    printf("%d", 5 + 10 * 2);
```

```
    return 0;
```

```
}
```

a) 30 b) 25 c) 20 d) 35

Answer: b) 25

3. Which of the following is a valid identifier in C?

a) 2number b) number@name c) _num2 d) float

Answer: c) _num2

4. What is the size of an int data type on a 32-bit system?

a) 2 bytes b) 4 bytes c) 8 bytes d) 16 bytes

Answer: b) 4 bytes

5. What will the following program print?

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

```
int main() {
```

```
    int x = 5, y = 10;
```

```
printf("%d", x++);  
printf("%d", ++y);  
return 0;  
}
```

a) 5 10 b) 5 11 c) 5 11 d) 6 11

Answer: c) 5 11

6. What does the continue statement do in C?

- a) Terminates the program b) Skips the rest of the code and jumps to the next iteration
c) Terminates the loop entirely d) None of the above

Answer: b) Skips the rest of the code and jumps to the next iteration

7. Which of the following header files is required for input/output operations in C?

- a) #include <math.h> b) #include <string.h> c) #include <stdlib.h> d) #include <stdio.h>

Answer: d) #include <stdio.h>

8. What will be the value of result after the following code executes?

```
int a = 10, b = 20;  
  
int result = a > b ? a : b;
```

- a) 10 b) 20 c) 0 d) 30

Answer: b) 20

9. Which loop is guaranteed to execute at least once?

- a) for loop b) while loop c) do-while loop d) None of the above

Answer: c) do-while loop

10. What will be the output of the following code?

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

```
int main() {
```

```
    int arr[] = {1, 2, 3, 4};
```

```
    printf("%d", arr[2]);
```

```
    return 0;
```

```
}
```

a) 1 b) 2 c) 3 d) 4

Answer: c) 3