C MCQs - 10

Topics : C
Written on March 20, 2024

91. What will be the output of the following code snippet?

```c
#include <stdio.h>
int main() {
    int i = 0;
    for (; i < 5; i++) {
        printf("%d ", i++);
    }
    printf("%d\n", i);
    return 0;
}
```

a) 0 2 4 6
b) 1 3 5
c) 0 1 2 3 4
d) 1 2 3 4 5

Answer: c) 0 1 2 3 4

92. In C, which of the following functions is used to close a file?

a) close()
b) fclose()
c) endfile()
d) fileclose()

Answer: b) fclose()

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

```c
#include <stdio.h>
int main() {
    int x = 5, y = 10;
    printf("%d\n", (x > y) ? (x++) : (y--));
    printf("%d %d\n", x, y);
```

```
        return 0;
    }
```

a) 5, 5, 9
b) 5, 10, 9
c) 10, 5, 9
d) 10, 10, 9

Answer: b) 5, 10, 9

94. Which of the following functions is used to read a single character from the standard input in C?

a) getchar()
b) gets()
c) scanf()
d) read()

Answer: a) getchar()

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

```
#include <stdio.h>
int main() {
    int x = 5;
    printf("%lf\n", (double)x);
    return 0;
}
```

a) 5.000000
b) 5
c) Compiler error
d) Undefined behavior

Answer: a) 5.000000

96. In C, which of the following operators is used to access the address of a variable?

a) &
b) *
c) ->
d) .

Answer: a) &

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

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

```
int main() {
    int x = 5, y = 10;
    printf("%d\n", (x > y) ? (x--) : (y++));
    printf("%d %d\n", x, y);
    return 0;
}
```

a) 5, 6, 11
b) 5, 10, 11
c) 10, 4, 11
d) 10, 11, 11

Answer: b) 5, 10, 11

98. What does the `fgets()` function in C do?

a) Reads a line from a file
b) Reads a character from a file
c) Reads a line from the console
d) Reads a character from the console

Answer: a) Reads a line from a file

99. What will be the output of the following code snippet?

```
#include <stdio.h>
int main() {
    int x = 5;
    while (x) {
        printf("%d ", x--);
    }
    printf("%d\n", x);
    return 0;
}
```

a) 5 4 3 2 1 0
b) 5 4 3 2 1
c) 4 3 2 1 0
d) 4 3 2 1

Answer: a) 5 4 3 2 1 0

100. In C, which function is used to convert a string to a floating-point number?

```
a) atof()
```

b) atoi()
c) strtod()

d) float_convert()

Answer: a) atof()