

# Quiz I

## Programming in c

Date **22/09/2025**

- This quiz contains **20 questions**.
- Choose and write **only one correct answer** for each question.

**Q1. Which of the following is the correct code to output the text “Hello”**

- a. `printf (“hello”;`
- b. `printf[“hello”];`
- c. `printf(“hello”);`

**Q2. Which of the following is the format specifier for whole numbers?**

- a. &d
- b. #d
- c. %n
- d. %d

### Q3. What is the output of this code?

```
printf("%d%d%c",3,2,'z');
```

- a. ddz
- b. z23
- c. 333
- d. 32z

## Q4. What is the output of this code?

```
int x=9;  
int y=8;  
x=3;  
printf("%d%d",y,x);
```

- a. 89
- b. 38
- c. 83
- d. 98

## Q5. What is the output of this code?

```
int a=2;  
int b=3;  
int c=1;  
int x=a+b-c + a;
```

- a. 5
- b. **6**
- c. 7

## Q6. What is the output of this code?

```
int x=9;  
int y=4;  
printf("%d",x/y);
```

- a. 1
- b. 2.25
- c. 3
- d. 2

## Q7. Which choice indicates a valid single-line comment?

- a. `//some text`
- b. `#some text`
- c. `**some text`
- d. `/*some text*/`



**Q8. Which is not a keyword**

**a) include**

**b) int**

**c) string**

**d) float**

## Q9. How many times loop will run?

```
int x=3;  
while (x<=6) {  
printf("%d\n",x);  
x=x+2;  
}
```

- a. 1
- b. 3
- c. 2
- d. 4

## Q10 what is the output of this code?

```
int x=2;  
int y=5;  
x +=1;  
y-=x;  
y++;  
printf("%d",y);
```

- a. 2
- b. 3
- c. 1
- d. 4

## Q11. What is the output of this code?

```
for(int i=3; i<=10; i+=3){  
    printf("%d",i)  
}
```

- a. 0369
- b. 36
- c. 369
- d. 69

## Q12. what is the value of x?

- ```
int x;  
for( x=3;x<10;x++){  
    If(x == 5) {  
        continue;  
    }  
    If(x==7) {  
        break;  
    }  
}  
printf("%d\n",x);
```
- a. 3
  - b. 5
  - c. 7
  - d. 9

### Q13. What is the value of x after this code?

```
int x=2;  
switch(x) {  
case 1;  
x=4;  
case 2:  
x=8;  
case 3:  
x=7;  
break;  
case 4:  
x=3;  
}
```

- a. 4
- b. 8
- c. 7
- d. 3

## Q14. What does the following program fragment prints

- `int main(){`
- `Unsigned i=1;`
- `Int j= -4;`
- `Printf(“%u”,i+j);`
- `}`

- a. Garbage value
- b. -3
- c. integer value depends from machine to machine
- d. none of the above

**Q15. ASCII decimal range of characters from A ... Z is?**

- a. 65 - 90**
- b. 97 - 122**
- c. 100 - 127**
- d. - 28**



## Q16. What is the output of the following C program fragment?

```
int a = 1;  
int b = 1;  
int c = ++a | | b++;  
int d = b -- && -- a;  
printf("%d %d %d %d", d, c, b, a);
```

- a. 1111
- b. 0100
- c. 1001
- d. 1101

**Q17. How many times will "Hello, World" be printed in the below program ?**

```
#include <stdio.h>
int main() {
int i = 1024;
for(; i; i >>=1)
printf("Hello, World");
return 0;
}
```

- a) 10
- b) **11**
- c) infinite
- d) compile time error

## Q18. What is the output of the following C program fragment?

```
#include <stdio.h>
void main(){
int i;
for(i=0; i<20; i++){
switch(i)
{
case 0: i += 5;
case 1: i += 2;
case 5: i += 5;
default: i += 4;
}
printf("%d ",i);
}}
```

- a) 5 10 15 20
- b) 7 12 17 22
- c) Compiler error
- d) **16 21**

**Q19. How many times will "BCA-B" be printed on the screen?**

```
int i = -5;
while(i <= 5)
if(i >= 0)
break;
else
{
i++;
continue;
printf("BCA-B");
}
```

- a) 10 times
- b) 5 times
- c) Infinite times
- d) 0 times**

## Q20. What is the output of the following C program fragment?

```
#include <stdio.h>
int main()
int x = 3;
if(x == 2) x = 0;
if(x == 3) x++;
else x += 2;
printf("x=%d", x);
return 0;
}
```

**a) x = 4**

**b) x = 2**

**c) Compiler error**

**d) x = 0**