

Apple Technical Interview Questions

- 1.Explain Apple iOS
- 2.What are the interesting features of iOS?
- 3.Difference between android and apple iOS.
- 4.Explain Multitasking in iOS.
- 5.What is the difference between a class, an abstract class, and an interface?
6. What is MAC address?
7. Explain Socket programming?
8. Describe String reversal?
9. **What is the output of printf (%d, printf(time));**

- a. results in a syntax error
- b. outputs time
- c. outputs garbage
- d. prints time and terminates abruptly

- 10.Below, please find the results for the program do?**

```
int counter = 0, i;  
for(i=0;;i++) (  
if (i < 100) continue;  
counter ++;  
if (counter == 100) break;  
}  
printf("%d%d,i, counter);
```

- a.199 100
- b. 200 100
- c. 199 99
- d. 20 00

11. Which languages necessarily need heap allocation in the runtime environment?

- (A) Those that support recursion
- (B) Those that use dynamic scoping
- (C) Those that allow dynamic data structures
- (D) Those that use global variables

12. How many times printf will be executed

```
main()
{
for(int i=-1;i<=10;i++)
{
if( i==5)
continue;
else
break;
printf("iphone");
}
```

13. What is the output?

```
Main(){
Char c=a;

Printf("%d %d", sizeof(c),sizeof(a));
}
```

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

14.If abc is the input, then the following program fragment

```
char x, y, z.  
printf(%d, scanf(%c%c%c &x, &y, &z));  
results in
```

- a. a syntax error
- b. a fatal error
- c. segmentation violation
- d. printing of 3

15.If ab is the input, the output will be

- a. an error message
- b. this cant be input
- c. ab
- d. a b

16.The following program fragment

```
unsigned i=-1;  
int j = -4  
printf(%u, i+j);  
prints
```

- a. garbage
- b. -3
- c. an integer that changes from machine to machine
- d. none of the above

17.What is the output?

```
char *a=helloworld!!;  
Printf(%d,strlen(a));  
a=a+6;  
Printf(%d,strlen(a));  
a=a+7;  
Printf(%d,strlen(a));
```

18.Which languages necessarily need heap allocation in the runtime environment?

- (A) Those that support recursion
- (B) Those that use dynamic scoping
- (C) Those that allow dynamic data structures
- (D) Those that use global variables

19.What is the output?

```
main(  
{  
B=0xFFFF;  
~B ;  
printf("%d",B);  
}
```

20.What is the output?

```
Main(){  
Char c=a;  
Printf("%d %d", sizeof(c),sizeof(a));  
}
```

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

Apple Interview Puzzle

21. You are given a 6 by 6 grid and asked to start on the top left corner. Now your aim is to get to the bottom right corner. You are only allowed to move either right or down. You must never move diagonally or backwards.

How many feasible ways are there for you to reach the end point?

22. Find out the next term in the series

F21, S23, T25, T27, S29, M31, __?

23. There are 100 bulbs lined up in a room. All are turned on in the first pass. Then all the even numbered light bulbs are switched off. After that, every third bulb is switched on. Then all those bulbs that were switched off are turned back on and all those that were lit are turned off. Then the same process is being carried with the fourth bulb and the fifth bulb.

How many bulbs are glowing after 100 passes?

24. Suppose if there are two threads in your app - T1 and T2. T2 has high priority. However, for some reason the priority decreases automatically. What could be the reason? How will you debug it? How will you fix it so that priority stays the same, no matter what?

25. If it costs x dollars for making certain item if quantity is 1000 and if quantity increase then the item is made using y dollars. If z number of items are made which are greater than 1000 then what is the total cost.

Apple Interview Questions

1. Tell me about yourself?

2. What are your strength and weakness?

3. Why do you want to join at apple?

4. What do you know about us?

5. Why should we hire you?



6. What can you do for us if you are selected?

7. What are the problems you have faced a lot of trouble in your life and how you solved?

8. What questions do you have for me?

9. Tell me one valuable skill that you are currently working on?

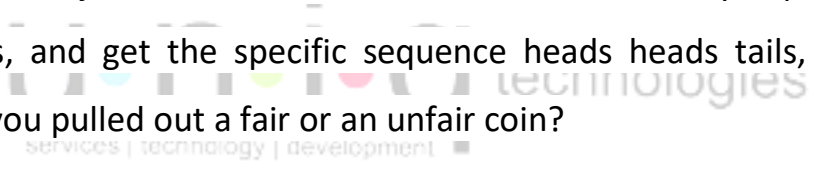
10.Scenario: You're dealing with an angry customer who was wait for help for the past 20 minutes and is causing a commotion. She claims that she'll just walk over to Best Buy or the the Microsoft Store to get the computer she wants. Resolve this issue ?

11.What are your failures, and how have you learned from them?

12.Are you creative? What's something creative that you can thi ..

13.Why did Apple change its name from Apple Computers Incorporated to Apple Inc?

14.If you're given a jar with a mix of fair and unfair coins, and you pull one out and flip it 3 times, and get the specific sequence heads heads tails, what are the chances that you pulled out a fair or an unfair coin?



All the Best!!

