

TALENT HUNT - DEBUGGING PRELIMS

1) Which of the following is not considered as variable name?

- A) var11
- B) 11var
- C) v11ar
- D) None of the above

2) Which of the following is not considered as variable initialization

- A) sample = 0
- B) sample += 5
- C) sample = 0+1
- D) None of the Above

3) What is the output of the following code snippet?

```
var = 5                int var = 5;
var += int(input())    scanf("%d", &var);
print(var)             printf("%d", var);
input-given: 5
```

- A) 5
- B) 10
- C) 0
- D) None of the Above

4) In the following code snippet, what causes the error?

temp = 10	int temp = 10;
if temp == 10:	if(temp == 10)
sol = 10	int sol = 10;
print(sol)	print(sol);

- A) variable
- B) literal value
- C) scope (C)
- D) indentation (P)
- E) None of the above

5) What will be the output of the following code snippets?

if 10 > 5: print("Yes")	if(10>5) printf("Yes");
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- A) Yes
- B) No
- C) Compilation Error
- D) None of the Above

6) What will be the output of the following code snippet?

for l in range(10):	int i = 0;
print(l, end = "")	for(i=0; i<10; i++)
	printf("%d", i);

- A) 0123456789
- B) 12345678910

- C) 123456789
- D) 012345678910

7) What is a array in programming?

- A) A collection of elements where various datatypes used
- B) A collection of elements which shares same datatype
- C) Both of the above
- D) None of the above

8) What is the output of the following code snippet?

```
a = [2, 1, 3]      int a[3] = {2, 1, 3}
print(a[a[1]])     printf( "%d", a[a[1]])
```

- A) 1
- B) 2
- C) 3
- D) None of the Above

9) For the following code snippet, what will be the output?

<pre>if(10=5): print("Yes") else: print("No")</pre>	<pre>if(10=5){ printf("Yes"); }else{ printf("No"); }</pre>
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- A) No
- B) Runtime Error
- C) Syntax Error
- D) None of the Above

10) What is the value of a and b after execution of following code snippet?

```
a = 10  
b = 5  
a = b  
b = a
```

```
int a = 10, b = 5;  
a = b; b = a;
```

- A) 5 5
- B) 5 10
- C) 10 5
- D) 10 10