

XPertSTEM Coding Sample Test Division 1 for Grade 3 & 4

1. **Java**
`for (int i=0;i<2;i++)`
`System.out.println(i);`
A - 0 1
B - 1 2
C - 0 1 2
D - error
2. **Python**
`for i in range(2):`
`print(i)`
A - 0 1
B - 1 2
C - 0 1 2
D - error
3. **Python**
`print('I\'m fine')`
A - nothing
B - error
C - prints with quotes
D - I'm fine
4. **Java**
`System.out.println("Hello");`
A - Hello
B - "Hello"
C - error
D - no output
5. **Java**
Which variable name invalid in Java?
A - _name
B - 2name
C - name2
D - firstName
6. **Python**
`print(2 + 3)`
A - 23
B - 5
C - error
D - 2+3
7. **Java**
What is the entry point method signature in Java?

Answer: public static void main(String[] args)
8. **Java**
`int[] arr = {1,2,3};`
`System.out.println(arr[0]);`
A - 1
B - 2
C - 3
D - error
9. **Python**
`a = 4`
`print(a)`
A - 4
B - a
C - error
D - nothing
10. **Java**
`System.out.println("Hello");`
A - Hello
B - "Hello"
C - error
D - no output
11. **Java**
`int[] arr = {1,2,3};`
`System.out.println(arr[0]);`
A - error
B - 2
C - 3
D - 1
12. **Python**
`print(2 + 3)`
A - 23
B - 5
C - error
D - 2+3
13. **Java**
Which ends Java statements?
A - dot
B - colon
C - semicolon
D - comma
14. **Java**
Which variable name invalid in Java?
A - _name
B - 2name
C - name2
D - firstName

15. Java

What is the entry point method signature in Java?

Answer: public static void
main(String[] args)

16. Python

```
name = 'Ali'  
print(len(name))
```

- A - 2
- B - 3
- C - 4
- D - error

17. Python

```
print('Hello world')
```

- A - Hello world
- B - 'Hello world'
- C - error
- D - no output

18. Java

```
String s = "Hi";  
System.out.println(s.length());
```

- A - 1
- B - 2
- C - 3
- D - error

19. Java

Which variable name invalid in Java?

- A - _name
- B - 2name
- C - name2
- D - firstName

20. Python

```
print('Hello world')
```

- A - Hello world
- B - 'Hello world'
- C - error
- D - no output

21. Java

```
int[] arr = {1,2,3};  
System.out.println(arr[0]);
```

- A - 1
- B - 2
- C - 3
- D - error

22. Python

```
print('Hello world')
```

- A - Hello world
- B - 'Hello world'
- C - error
- D - no output

23. Python

```
x = 5  
if x > 3:  
    print('Yes')  
else:  
    print('No')
```

- A - Yes
- B - No
- C - error
- D - nothing

24. Python

```
name = 'Ali'  
print(len(name))
```

- A - 2
- B - 3
- C - 4
- D - error

25. Java

```
for (int i=0;i<2;i++)  
System.out.println(i);
```

- A - 0 1
- B - 1 2
- C - 0 1 2
- D - error

26. Java

```
String s = "a" + "b";  
System.out.println(s);
```

- A - ab
- B - a b
- C - error
- D - a+b

27. Python

```
print(2 + 3)
```

- A - 23
- B - 5
- C - error
- D - 2+3

28. Python

```
name = 'Ali'  
print(len(name))
```

A - 2

B - 3

C - 4

D - error

29. Python

```
print(2 + 3)
```

A - 23

B - 5

C - error

D - 2+3

30. Python

Which is correct comment in Python?

A - // comment

B - # comment

C - /* comment */

D - <!-- -->