

Basic Programming

1. What is the data-type usually used in arithmetic operation?
Answer : Int
2. What is the data-type usually used in word and character?
Answer : String
3. What is the output of code below

```
class area {  
    public static void main(String args[])  
    {  
        int a = 100 + 3 * 5 - 10 / 5;  
        System.out.println(a);  
    }  
}
```

Answer : 113



```
question1.java x  
Basic Programming > question1.java > area  
1 class area {  
    Run | Debug  
2 public static void main(String args[]) {  
3 int a = 100 + 3 * 5 - 10 / 5;  
4 System.out.println(a);  
5 }  
6 }  
PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL  
2: Java Process Console  
styletheory@Sheilas-MacBook-Pro-5 bukalapak % /Library/Java/JavaVirtualMachines/jdk1.8.0_251.jdk/Contents/Home/bin/java -Dfile.encoding=UTF-8 -cp "/Users/styletheory/Library/Application Support/Code/User/workspaceStorage/81ead1d27f094764295375715ba0643d/redhat.java/jdt_ws/bukalapak_6f6ef5f8/bin" area  
113  
styletheory@Sheilas-MacBook-Pro-5 bukalapak %
```

4. What is the output of code below

```
class average {  
    public static void main(String args[])  
    {  
        int a = 0;  
        for (int i = 0; i < 6; ++i) {  
            a = a + 2;  
        }  
        System.out.println(a/6);  
    }  
}
```

Answer : 2

The screenshot shows an IDE with two tabs: 'question1.java' and 'question2.java'. The 'question2.java' tab is active, displaying the following code:

```
1 class average {  
2     public static void main(String args[]) {  
3         int a = 0;  
4         for (int i = 0; i < 6; ++i) {  
5             a = a + 2;  
6         }  
7         System.out.println(a/6);  
8     }  
9 }
```

The IDE's terminal window at the bottom shows the command execution:

```
styletheory@Sheilas-MacBook-Pro-5 bukalapak % cd "/Users/styletheory/Documents/My Project/bukalapak" ; /Library/Java/JavaVirtualMachines/jdk1.8.0_251.jdk/Contents/Home/bin/java -Dfile.encoding=UTF-8 -cp "/Users/styletheory/Library/Application Support/Code/User/workspaceStorage/81ead1d27f094764295375715ba0643d/redhat.java/jdt_ws/bukalapak_6f6ef5f8/bin" average  
2  
styletheory@Sheilas-MacBook-Pro-5 bukalapak %
```

5. What is the output of code below

The screenshot shows a code editor with the following Java code:

```
public class Question3 {  
    public static void main(String[] args) {  
        String name, address;  
  
        name = "Jack Donovan";  
        address = "3566 Golden Street Miami";  
        System.out.println(address.replace(" ", ""));  
    }  
}
```

Answer : 3566GoldenStreetMiami

The screenshot shows an IDE with three tabs: 'question1.java', 'question2.java', and 'question3.java'. The 'question3.java' tab is active, displaying the following code:

```
1 class Question3 {  
2     public static void main(String args[])  
3     {  
4         String name, address;  
5  
6         name = "Jack Donovan";  
7         address = "3566 Golden Street Miami";  
8  
9         System.out.println(address.replace(" ", ""));  
10    }  
11 }
```

The IDE's terminal window at the bottom shows the command execution:

```
styletheory@Sheilas-MacBook-Pro-5 bukalapak % cd "/Users/styletheory/Documents/My Project/bukalapak" ; /Library/Java/JavaVirtualMachines/jdk1.8.0_251.jdk/Contents/Home/bin/java -Dfile.encoding=UTF-8 -cp "/Users/styletheory/Library/Application Support/Code/User/workspaceStorage/81ead1d27f094764295375715ba0643d/redhat.java/jdt_ws/bukalapak_6f6ef5f8/bin" Question3  
3566GoldenStreetMiami  
styletheory@Sheilas-MacBook-Pro-5 bukalapak %
```