JUNE 2008
Mon 30 02 09 16 23
Tue   03 10 17 24
Wed   04 11 18 25
Thu   05 12 19 26
Fri   06 13 20 27
Sat   07 14 21 28
Sun 01 08 15 22 29

May
Thursday
01

Java

extension → .java

```
=) public class App {
        public static void main (String[] args)

        }


}
```

```
=) System.out.println ("Hello");
   System.out.print ("Yash");
```

```
// variables
   String name = "Yash";
   char grade = 'A';
   byte age = 0;
   short age = 10;
   int age = 50;
   long age = 30L;
   float gpa = 9.6f;
   doublegpa gpa = 3.5;
   boolean is Tall = true;
```

Notes

Appointment

02   May   Friday

MAY				2008
Mon		05	12	19 26
Tue		06	13	20 27
Wed		07	14	21 28
Thu	01	08	15	22 29
Fri	02	09	16	23 30
Sat	03	10	17	24 31
Sun	04	11	18	25

=> System.out.println("Your name is" + name);
System.out.printf("Your name is %.s \n", name);

```
%-f  → double or float
%-d  → integer
%-s  → string
%-c  → character
%-b  → boolean
```

// casting & converting

=> System.out.println((int) 3.14);
System.out.println((double) 3);

```
int
int intfst = Integer.parseInt("50");
double dfst = Double.parseDouble("50.99");
```

=> System.out.println (greeting.length()); → to get length of string

```
• charAt(0) → index position value
• indexOf("H") → index value
• indexOf("Z") → invalid char, ansus = -1
• substring(2) → substrg from index 2 to end
• substring(1,3) → substrg from
                   index 1 to 3
                            ↓
```

not included

=) considers rule of Bodmas

=>   Math.pow (2, 3)
     Math.sqrt (144)
     Math.round (2.7)

=) taking user input —

```java
import java.util.Scanner;
public class App{
    public static void main (string[] args){

        Scanner keyboardInput = new Scanner(System
                                                    .in);
        System.out.print ("Enter username: ");
        String username = keyboardInput.nextline();
        System.out.println ("Hello," + username);
    }
}
```

Sunday 04

.nextDouble()
.nextInt ()

=) int [ ] nums = { 4, 8, 10};
   int[ ] nums = new int[10];
   System.out.println (nums.length);

05 — May / Monday

		MAY			2008
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=) Dynamic list.

```java
import java.util.ArrayList;

public class App {
    public static void main(String[] args){

        ArrayList<String> friends = new ArrayList<String>();

        friends.add("Yash");
        friends.add("Abhay");
        friends.remove("Abhay");
        System.out.println(friends.toString());
                                    .get(0)
                                    .contains("Yash")
                                    .size()
    }
}
```

=)
```java
public class App {
    public static void main(String[] args){

        int sum = addn(4,60)

    }

    public static int addn(int n1, int n2){

        return n1 + n2

    }
}
```

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May
Tuesday
06

```
a) if ("dog".equals("cat"))
    {
    
    
    }
```