**package** flowcontroldemo;

**public** **class** NewClass {

**public** **static** **void** main(String[] args) {

**int** number=100;

**if**(number/3==50) {

System.***out***.println("division successful!");

}**else** {

System.***out***.println("division unsuccessful!");

}

}

}

**package** flowcontroldemo;

**public** **class** NewClass {

**public** **static** **void** main(String[] args) {

**int** number=13;//defining an int variable

**if**(number%2==0){ //Check if number is odd or even

System.***out***.println("even number");

}**else** {

System.***out***.println("odd number");

}

}

}

**package** flowcontroldemo;

**public** **class** NewClass {

**static** **int** *roadnumber* = 50;

**public** **static** **void** main(String[] args) {

**if** ((*roadnumber* >= 59) && (*roadnumber* <= 69)) {

System.***out***.println("woodside");

} **else** **if** ((*roadnumber* >= 70) && (*roadnumber* <= 80)) {

System.***out***.println("jackson heights");

}

}

}

**package** flowcontroldemo;

**public** **class** NewClass {

**static** **int** *roadnumber* = 81;

**public** **static** **void** main(String[] args) {

**if** ((*roadnumber* >= 59) && (*roadnumber* <= 69)) {

System.***out***.println("woodside");

} **else** **if** ((*roadnumber* >= 70) && (*roadnumber* <= 80)) {

System.***out***.println("jackson heights");

}**else** {

System.***out***.println("unknown area");

}

}

}

**package** flowcontroldemo;

**public** **class** NewClass {

**public** **static** **void** main(String[] args) {

**int** age = 18;

**boolean** male = **false**;

**if** ((age >= 18) && (age <= 22)) {

**if** (male == **true**) {

System.***out***.println("the person can go for Army training");

} **else** {

System.***out***.println("not an age for army training or may be a female student");

}

}

}

}

**package** flowcontroldemo;

**public** **class** NewClass {

**public** **static** **void** main(String[] args) {

**int** age = 44;

**int** weightlnLbs = 170;

**if** (age >= 18) {

**if** (weightlnLbs >= 170) {

System.***out***.println("You can donate blood ");

} **else** {

System.***out***.println("You can NOT donate blood");

}

}

}

}

**package** javaproject;

**public** **class** SwitchDemo {

**public** **static** **void** main(String[] args) {

**int** age =25;

**switch** (age) {

**case** 1: System.***out***.println("Infant");

**break**;

**case** 15:

System.***out***.println("teenage");

**break**;

**case** 25:

System.***out***.println("young");

**break**;

**case** 35:

System.***out***.println("adult");

**break**;

**case** 65:

System.***out***.println("Senior");

**break**;

**default**:System.***out***.println("invalid age");

**break**;

}

}

}