**Conditional Statements Reference**

 //variables that can be used in this class

 int age=16;

 int height=180;

 String name="bob";

 String sex="m";

 if (age==16){

 System.out.println("You are 16");

 }

 if (age>=16){

 System.out.println("You are 16 or older");

 }

 if (name.equals("bob") == true){

 System.out.println("Name is bob");

 }

 if (age != 100){

 System.out.println("You are not 100");

 }

 if ( (age>=13) && (age<=19) ){

 System.out.println("You are a teenager");

 }

 if ( !(age>=16) ){

 System.out.println("You are not old enough to drive yet!");

 }

 if ( (age>16) || (height>150) ){

 System.out.println("You age OR height OR Both qualify you!");

 }

 if ( (age>16) && (height>150) && (name.equals("bob")==true) ){

 System.out.println("You pass all three tests - come on in!");

 }

 if ( ((age>16) && (height>150)) || (height>200) ){

 System.out.println("You can ride the roller coaster");

 }

 if (age>=65){

 System.out.println("You are a senior");

 }

 else{

 System.out.println("You are not a senior");

 }

 if (age>=65){

 System.out.println("You are a senior");

 }

 else if(age>=18){

 System.out.println("You are an adult");

 }

 if (age>=65){

 System.out.println("You are a senior");

 }

 else if(age>=18){

 System.out.println("You are an adult");

 }

 else{

 System.out.println("You are a youth");

 }

 if(age>=18){

 if(sex.equals("m") == true){

 System.out.println("You are an adult male");

 }

 else{

 System.out.println("You are an adult female");

 }

 }

 else{

 if(sex.equals("m") == true){

 System.out.println("You are a male youth");

 }

 else{

 System.out.println("You are a female youth");

 }

 }