String passengerName = 'Raj Koothropali';

String passportCountry = 'UK';

String passportType ='Regular';

Boolean visaStatus = false;

Boolean entrytoCountry = false;

If (passportCountry=='UK'){

entrytoCountry = true;

System.debug(passengerName + 'can enter to the country since the passport is from' + passportCountry);

}else{

System.debug(passengerName + 'can not enter to the country');

}

String passengerName = 'Raj Koothropali';

String passportCountry = 'India';

String passportType ='Diplomatic';

Boolean visaStatus = false;

Boolean entrytoCountry = false;

If (passportCountry=='UK'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport is from ' + passportCountry);

}else if (passportCountry == 'India' && visaStatus == true){ //&&: AND - T + F = F

entrytoCountry = true;

System.debug(passengerName + 'can not enter to the country due to either passport type or visa ' + visaStatus);

}else if(passportType == 'Diplomatic'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport type is ' + passportType);

}else{

System.debug(passengerName + 'can not enter to the country ');

}

Integer gradePoint = 8;

switch on gradePoint{

when 10{

System.debug('Excellent');

}when 9 {

System.debug('Very Good');

}when 8 {

System.debug('Good');

}when 7 {

System.debug('Fair');

}when 6 {

System.debug('Average');

}when else{

System.debug('Failed');

}

}

//Loops

//Do While Loop

Do {

// code block

}while (condition)

Integer myNumber = 1;

String passengerName = 'Raj Koothropali';

String passportCountry = 'India';

String passportType ='Diplomatic';

Boolean visaStatus = false;

Boolean entrytoCountry = false;

If (passportCountry=='UK'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport is from ' + passportCountry);

}else if (passportCountry == 'India' && visaStatus == true){ //&&: AND - T + F = F

entrytoCountry = true;

System.debug(passengerName + 'can not enter to the country due to either passport type or visa ' + visaStatus);

}else if(passportType == 'Diplomatic'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport type is ' + passportType);

}else{

System.debug(passengerName + 'can not enter to the country ');

}

Integer gradePoint = 8;

switch on gradePoint{

when 10{

System.debug('Excellent');

}when 9 {

System.debug('Very Good');

}when 8 {

System.debug('Good');

}when 7 {

System.debug('Fair');

}when 6 {

System.debug('Average');

}when else{

System.debug('Failed');

}

}

//Loops

//Do While Loop

Do {

// code block

}while (condition)

Integer myNumber = 1;

Do {

System.debug('Number is ' + myNumber);

myNumber++;

}while (myNumber < 5);

// While Loop

Integer myNumber = 1;

while (myNumber < 5 ) {

System.debug('My Number is ' + myNumber);

myNumber++;

}

String passengerName = 'Raj Koothropali';

String passportCountry = 'India';

String passportType ='Diplomatic';

Boolean visaStatus = false;

Boolean entrytoCountry = false;

If (passportCountry=='UK'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport is from ' + passportCountry);

}else if (passportCountry == 'India' && visaStatus == true){ //&&: AND - T + F = F

entrytoCountry = true;

System.debug(passengerName + 'can not enter to the country due to either passport type or visa ' + visaStatus);

}else if(passportType == 'Diplomatic'){

entrytoCountry = true;

System.debug(passengerName + ' can enter to the country since the passport type is ' + passportType);

}else{

System.debug(passengerName + 'can not enter to the country ');

}

Integer gradePoint = 8;

switch on gradePoint{

when 10{

System.debug('Excellent');

}when 9 {

System.debug('Very Good');

}when 8 {

System.debug('Good');

}when 7 {

System.debug('Fair');

}when 6 {

System.debug('Average');

}when else{

System.debug('Failed');

}

}

//Loops

//Do While Loop

Do {

// code block

}while (condition)

Integer myNumber = 1;

Do {

System.debug('Number is ' + myNumber);

myNumber++;

}while (myNumber < 5);

// While Loop

Integer myNumber = 1;

while (myNumber < 5 ) {

System.debug('My Number is ' + myNumber);

myNumber++;

}

// For Loops

//Traditional Loop

for (initial condition; exit condition; increment or decrement){

// code to execute

}

for (Integer myNumber=1; myNumber<5; myNumber++){

System.debug('My Lucky Number is ' + myNumber);

}

// List or Set for Loop

for (Datatype item : variable){

//code to execute

}

List <String> myCertificateWishList = new List <String> {'App Builder', 'Platform Developer I', 'Platform Developer II' };

for (String certificate : myCertificateWishList ) {

System.debug('My next ceritificate goal is ' + certificate);

}

// SOQL for Loop

for (Account myAccount : [SELECT Name FROM Account]){

System.debug(myAccount.Name);

}

//break statement

Integer myNumber = 1;

while (myNumber < 10 ) {

if(myNumber==5){

break; //Kills the iteration and force exit from the loop based on the condition (if condition)

}else{

System.debug('My Number is ' + myNumber);

myNumber++;

}

}

Integer myNumber = 1;

while (myNumber < 10 ) {

System.debug('My Number is ' + myNumber);

myNumber++;

}

//continue statement

for (Integer myNumber=1; myNumber<10; myNumber++){

if(myNumber== 6 || myNumber==7){

continue; //skips executing related iterations

}else{

System.debug('My Lucky Number is ' + myNumber);

}

}