**44643 Mobile Computing-iOS**

Write the output of the following code segments in the space provided.

1. **var marks=45**

**if marks > 50 {**

**print("The student had passed with \(marks) marks ")**

**}else{**

**print("The student had managed to get \(marks) marks")**

**}**

**Ans: The student had managed to get 45 marks ✅**

1. **var inputNumber = -10**

**if inputNumber>0 {**

**print("\(inputNumber) is a positive number.")**

**}else if (inputNumber<0){**

**print("\(inputNumber) is a negative number")**

**if(inputNumber%2==0){**

**print("\(inputNumber) is a negative even number")**

**}**

**}else {**

**print("The number is 0")**

**}**

**Ans: -10 is a negative even number - Partially Correct**

**-10 is a negative number**

1. **var stars = 65**

**if(stars>=90) {**

**print("You are a Pro Member")**

**}**

**else if (stars>=78 && stars<90){**

**print("You are a Gold Member")**

**}**

**else if (stars>=65 && stars<78) {**

**print("You are a VIP Member")**

**}**

**else {**

**print("Default Plan")**

**}**

**Ans: You are a VIP Member ✅**

1. **var password:String="stephen@171"**

**if(password.count>8){**

**if(password.contains(" ")){**

**print("Password Should not contain space")**

**}**

**else{**

**print("Password is Strong")**

**}**

**}**

**else**

**{**

**print("A password should be minimum of 8 characters")**

**}**

**Note: .contains() checks for only 1 character.**

**Ans: Password is Strong ✅**

1. **var male:Bool=false**

**var age = 45**

**if male {**

**if age<20 {**

**print("BOY")**

**}else {**

**print("MAN")**

**}**

**}else{**

**if age<20{**

**print("Girl")**

**}else{**

**print("Woman")**

**}**

**}**

**Ans: Woman - ✅**