Q1. Which operator can be used as an alternative to the if – else statement? Write the syntax of that operator as well as the if-else statement.

Q2. Differentiate between if-else and conditional operator.

Q3. What is simple if statement? When is it used? Write its syntax.

Q4. i. Rewrite the following statement using ternary operator:

```
if ( a == b && a == c )
        System.out.println( "Equilateral triangle" ) ;
else
        System.out.println( "Not Equilateral triangle" ) ;
```

ii. Rewrite the following statement using if-else:

```
String res = ( age > 12 && age < 20 ) ? "Teenager" : "Not Teenager" ;
```

Q5. WAP to accept a number from the user and check whether it is divisible by 7 or not. (Solve using appropriate version of if statement and using conditional operator if possible.)

Q6. WAP to accept a number from the user and display the number only if it is a multiple of 10.

Q7. WAP to accept a character from the user and check whether it is an upper-case letter or not.

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