Program 1: Write a java program to check if a number is even or odd .

Input: var=10;

Output: 10 is an even no

Input: var=37;

Output: 37 is a odd no

Program 2: Write a java program, take a number and print whether it is less than 10 or greater than 10.

Input: var=5

Output: 5 Is Less than 10.

Input: var=16

Output: 16 Is greater than 10.

Program 3: Write a java program, take a character and print whether it is in UPPERCASE or lowercase.

Input: var = A

Output: You entered UPPERCASE character.

Program 4: Write a java program, take a number and print whether it is positive or negative.

Input: var=5

Output: 5 is a positive number

Input: var=-9

Output: -9 is a negative number

Program 5: Write a java program to check if a character is a vowel or consonant.

Input: var=”A”;

Output: A is a vowel.

Input: var=”D”;

Output: D is a consonant.

Program 6: Write a java program in which take a number from 0 to 5 and print it's spelling,
if number is greater than 5 print entered number is greater than 5
(use switch case)

Input : var4= 4
Output : four

Program 7: Write a java program, in which according to month no print the no. of days in that month
(use switch case)

Input : month = 7
Output : July has 31 days

Program 8: Write a java program, take two characters if these characters are equal then print them as it is but if they are unequal then print their difference.

Input: va1=s var2=s

Output: va1=s var2=s

Input: va1=a var2=p

Output: Difference between a and p is 15

Program 9: Write a java program to take a number as input and print whether that is prime

number or not.

{Note: Prime number is the one which is divisible by 1 and that number only}

Input: 41

Output: 41 is the prime number!

Program 10: Write a java program to take a number as input and print whether that is a perfect number or not.

{Note: Perfect number is the one whose perfect divisor's addition is equal to that number.

6 is perfect number = 1 + 2 + 3 = 6}

Input: 6

Output: 6 is the perfect number!

Not compulsory but you can try this question too

Program 8: Write a java program, take two characters if these characters are equal then print them as it is but if they are unequal then print their difference.

{Note: Consider Positional Difference Not ASCIIs}
Input: a p

Output: Difference between a and p is 16