**Write Pseudocode for the below:**

**1.Write a Pseudo code to accept marks from the user, and check pass or fail of the user scores less than 50**

Begin

Numeric “marks from user”;

Accept “marks from user”;

If (marks from user > 50);

Display “user has passed exam”;

Else

Display “user has failed exam”;

End

**2.Write a Pseudo code to accept number whether it is positive or negative**

Begin

Numeric “number”;

Accept “number”;

If (number >=0);

Display “number given is positive”;

Else

Display “number given is negative”;

End

**3.Write a Pseudo code to accept number whether it is even number or odd number**

Begin

Numeric “number”;

Accept “number”;

If (number%2==0);

Display “number given is even number”;

Else

Display “number given is odd number”;

End

**4. Write a Pseudo code to accept 3 numbers and find which is big number**

begin

numeric n1,n2,n3;

accept n1,n2,n3;

if (n1>n2 && n1>n3);

Display “n1 is big”;

Else

If (n2>n3);

Display “n2 is big”;

Else

Display “n3 is big”;

end

**5.Write a Pseudo code to check the marks from user are valid or not i,e it should be between 0-100.**

Begin

Numeric m1

Accept “m1”

If (m1>=0 & m1<=100)

Display “the marks entered are valid”

Else

Display “the marks entered are not valid”

End

**6.Write a Pseudo code to accept the basic salary and print gross salary.  
 (if salary is less than equal to 10000 – HRA will be 80% & DA will be 76% of basic & if salary is between (10000-20000) – HRA will be 83% & DA will be 78% of basic & if salary is above 20000– HRA will be 89% & DA will be 86% of basic).**

Begin

Numeric “Basic salary, Gross salary, HRA, DA”

Accept “Basic salary”

If (Basic salary <=10000);

HRA= (80\*Basic salary)/100;

DA= (76\* Basic salary)/100;

Gross salary = Basic salary+ HRA+ DA;

Display “the employee Gross salary”;

Else

If (Basic salary >10000 && Basic salary <=20000);

HRA= (83\*Basic salary)/100;

DA= (78\* Basic salary)/100;

Gross salary = Basic salary+ HRA+ DA;

Display “the employee Gross salary”;

Else

HRA= (89\*Basic salary)/100;

DA= (86\* Basic salary)/100;

Gross salary = Basic salary+ HRA+ DA;

Display “the employee Gross salary”;

End