PI Calculator

Algorithm

1 – take input from user .

2- if input equal (1) then move to step 3 else if its equal (2) move to step 7 else repeat from step 1 .

3- ask user for number of iterations of formula to represent accuracy .

4- take number of iterations, set two variables (I = j = 1) , output = 0 & repeat step 5 as number from input .

5- output = output + (-1) to the power (i-1) multiplied by (1/j) .

6- print output and repeat from step 1 .

7- end the program .