Exp No : 1(e)

DATE: 21 .11 .22

“ CALCULATE WEIGHT OF STEEL ROD”

AIM :

To draw flow chart and algorithm for the following problem

ALGORITHM:

STEP1: start

STEP2: get the number of iron rods(n)

STEP3: initialize i=1 , total weight =0

STEP4: if i<=n , True :

4.1: get the no.of.rods of diameter “D”

4.2: unit weight = D\*2/162

4.3: weight=diameter\* unit weight\* number of bars

4.4: total weight = total weight \* weight

4.5: i=i+1 otherwise go to step 5

STEP5: display the total weight of rods

STEP6: stop

RESULT:

Thus the algorithm and flowchart is written for the given problem