**Program 15 :-** **Design of 3 stage pipeline for AND, OR, NAND of two numbers using any high level language.**

**Using OR :-**

#include<stdio.h>

int main()

{

float a,b,counter=1,res,INS;

float performance\_measure;

printf("Enter the number 1: ");

scanf("%f",&a);

printf("Enter the number 2: ");

scanf("%f",&b);

counter=counter+1;

res=a||b;

counter=counter+2;

printf("Enter the no of instruction: ");

scanf("%f",&INS);

performance\_measure=INS/counter;

printf("Performance\_measure:%f ",performance\_measure);

return 0;

}

**Using AND :-**

#include<stdio.h>

int main()

{

float a,b,counter=1,res,INS;

float performance\_measure;

printf("Enter the number 1: ");

scanf("%f",&a);

printf("Enter the number 2: ");

scanf("%f",&b);

counter=counter+1;

res=a&&b;

counter=counter+2;

printf("Enter the no of instruction: ");

scanf("%f",&INS);

performance\_measure=INS/counter;

printf("Performance\_measure:%f ",performance\_measure);

return 0;

}