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#include<stdio.h>

int main()
{
    int counter =1,a,b,choice,res,ins;
    printf("Enter number 1:");
    scanf("%d",&a);
    counter = counter+1;
    printf("Enter number 2:");
    scanf("%d",&b);
    counter = counter +1;
    printf("1-Addition:\n2-Subtraction:\n3-Multiplication:\n4-Division:");
    scanf("%d",&choice);
    switch(choice)
    {
        case 1: printf("Performing addition\n");
                res = a+b;
                counter = counter+1;
                break;
        case 2: printf("Performing subtraction\n");
                res = a-b;
                counter = counter+1;
                break;
        case 3: printf("Performing Multiplication\n");
                res = a*b;
                counter = counter+1;
                break;
        case 4: printf("Performing Division\n");
                res = a/b;
                counter = counter+1;
                break;
        default: printf("Wrong input");
    }
}
```

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        break;
    }
    printf("The cycle value is:%d\n",counter);
    printf("Enter the number of instructions:");
    scanf("%d",&ins);
    int performance_measure = ins/counter;
    printf("The performance measure is:%d\n",performance_measure);
    return 0;
}
```