## Program 3

```
import java util . Scanner;
  Public class Cookie }
   Public static void main (String [] args) {
 Scarner Kb= new. Scarner (System. in);
 System. Out print In ("This cookie recipe makes 5 cockies po batch");
System. out. print ("How many workies do you want to make?")
  double batch chowes 15;
  double sugar = 1.5 * batch;
  double butter = 1 + batch i
  double flow = 2.75 x batch;
 double Chor_Chip= 1x batch;
System-out. println ("To make "+ wookiest wookies, you will need!");
System. out, printh ( Sugar + " cups of Sugar");
System.out. printn (butter + " cups of butter");
Systemout. println (flow t" cups of flower");
System.out. print in (Choc_Chip + "Lups of chocolate chips")
```

## Short Answer

1.) CPU's perform arithmetic operations, logical operations, data transfer operations, and control operations

```
12.) if (mgle = = 90) {
          System.out.println ("right angle");
       else { system.out.println("not a right angle");
(3.) import java. util. Scaner;
    Public Class graduate &
 Public State void main (String [] args)}
Scorner Kb= New Scanner (System.in);
System. out. print in l'Enter how many credit hours you have completed: ");
int (redits = Kb.next Int ();
if (credits 7=122) }
         System.out.println ("You are ready to graduate!");
else & System.out. print In ("You are not ready to graduate. You need
14.) X= 27j
    Y= x7.3;
    if (y==0) &
     3 System.out. println ("Divisible by 3");
    else & System.out.print In ("Not divisible by 3");
```

```
15.) if (test score 7=90 & & test score L=100) {
              System, out. println("A");
     Else if (testscore 7:80 & & test score L=89) {
              System.out. print In ("B");
     else if (test score >= 70 & & test score == 19){
              System.out. print In ("("))
    else if (test sure 7=60 & & test sure L=69) {
              System.out.println("D");
    else if (test score >= 0 & & test score <= 59) }
             5 ystem. out. print In ["F");
     else { System.out. println ("Enter a real score LO-100)!");
16.) import java. util. Scanner;
  Public Class Greater {
    Public static void main (String [] angs) {
Scanner Kb= new Scanner (System.in);
 for (1=0; iL3; i+1) {
       System.out.print h ("Enter on integer");
   int num = Kb. next Int ();
   if (num>5)}
         Systen.out. print In ("Greater than 5");
   else & System.out. println ("Not greater than 5");
```