C Programming

```
#include<stdio.h>
int main()
{
int ch, a, b;
printf("Enter a number, 0 to exit and
    any other number <=10 to continue\n");
scanf("%d", &ch);
while(ch!=0)
{
printf("Enter any 2 numbers\n");
scanf("%d %d", &a, &b);
switch(ch)
{
case 1:
{printf("Sum = %d", a+b);
 break;
case 2:
{
printf("Difference = %d", (a-b));
break;
}
case 3:
{
 printf("Product = %d", (a*b));
  break;
case 4:
{
```

```
printf("Quotient = %d", (a/b));
 break;
 }
case 5:
{
printf(" first > second : = %d", (a > b));
 break;
 case 6:
{
printf(" first < second : = %d", (a < b));
 break;
 }
 case 7: {
 printf(" first = second : = %d", (a == b));
 break;
 }
 case 8:
 {
 printf(" first is not equal to second = %d", (a != b));
 break; }
 case 9: {
printf (" Remainder = %d", (a % b));
 break
 }
 case 10:
 {
 printf(" first <= second : = %d", (a <= b));
```

```
break;
}
default:
printf("Wrong choice!");
  break;
  }
printf("\nEnter any number to continue
    or 0 to exit\n");
  scanf("%d", &ch);
  }
}
```

2) #include <stdio.h>
float sum over(int x, int y)
{
printf("Sum: %d\n", x+y);
return ((x+y)/2.0);
}
void printeven(int x, int y)
{
printf("All the even numbers from
%d to %d\n", y, x);
if (y%2!=0)
y=y+1;
for(int i=y; i<=x; i+=2)
printf("%d", i);
}
int main()
{
int a[3], g1, g2, t;
printf("Enter the three numbers\n");
scanf("%d %d %d", &a[0], &a[1], &a[2]);
for(int i=0; i<3; i++){
~~for(int~~
}
for(int j=i+1; j<3; j++)
{

```
{
if(a[i] < a[j])
{
t = a[i];
a[i] = a[j];
a[j] = t;
}
}
}
g1 = a[0];
g2 = a[1];
float aver = sumaver(g1, g2);
printf("Average : %f\n", aver);
printeven(g1, g2);
return 0;
}.
```