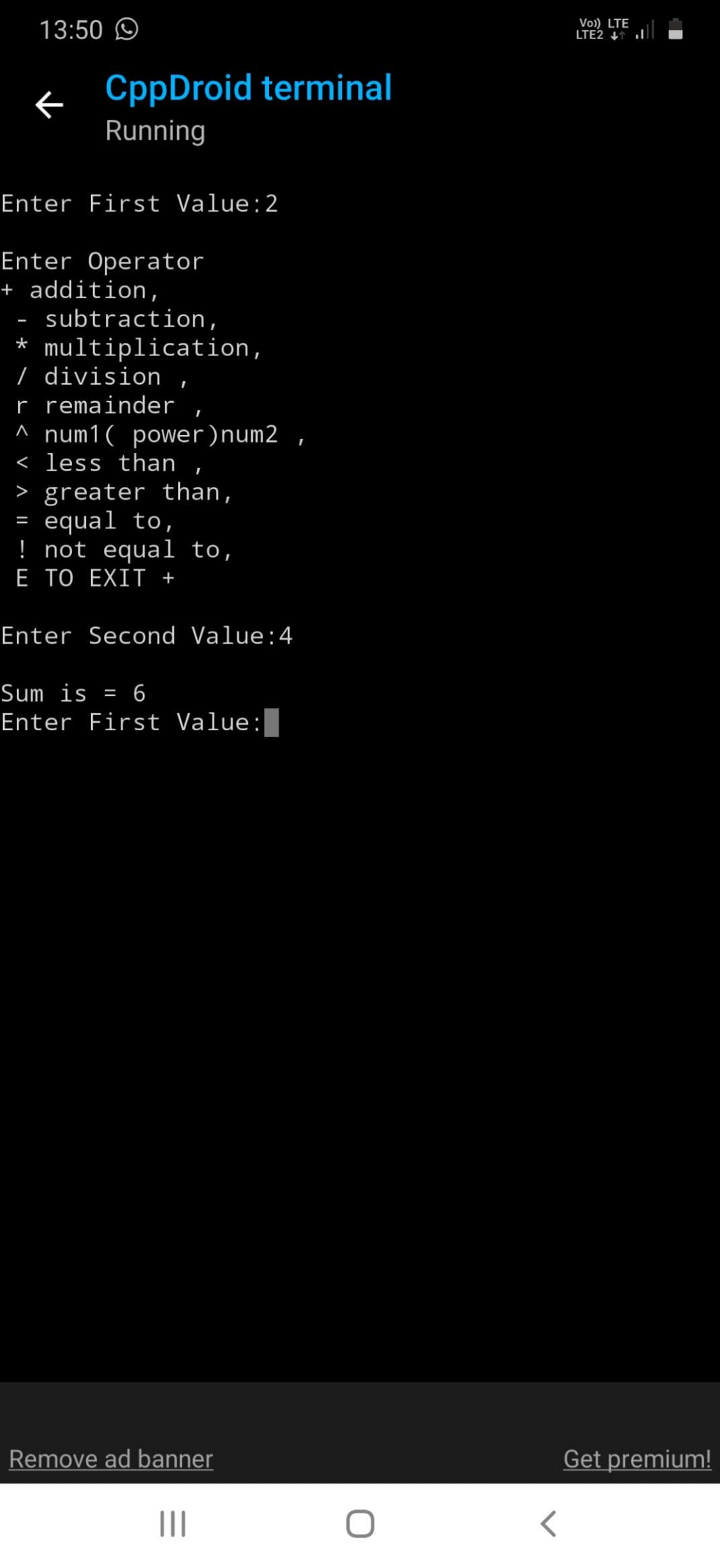
13:50
CppDroid terminal
Running
Enter First Value:2
Enter Operator
+ addition,
- subtraction,
* multiplication,
/ division ,
r remainder ,
^ num1(power)num2 ,
< less than ,
> greater than,
= equal to,
! not equal to,
E TO EXIT +
Enter Second Value:4
Sum is = 6
Enter First Value:
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```c
#include<stdio.h>
#include<conio.h>
#include<math.h>
#include<stdlib.h>
int main()
{

char c;
int n1, n2, res = 0;

while(1)
{
printf("\nEnter First Value:");
scanf("%d",&n1);

printf("\nEnter Operator\n+ addition,\n -
subtraction,\n * multiplication,\n / division ,\n
r remainder ,\n ^ num1( power)num2 ,\n < less
than ,\n > greater than,\n = equal to,\n ! not
equal to,\n E TO EXIT ");

scanf(" %c",&c);

printf("\nEnter Second Value:");
scanf("%d",&n2);

switch(c)
{
case '+':
   res = n1 + n2;
   printf("\nSum is = %d",res);
 break;

case '-':
  res = n1 - n2;
   printf("\nDifference is = %d",res);
   printf("\n\n Enter value  Again for a New
Input\n");
 break;

```


Diagnostics

Analysis

```
69  }
70  else{
71        printf("\n\nyes");
72       printf("\n Enter value Again for a New
Input\n");
73  }
74   break;
75
76  case '=':
77  if(n1==n2)
78  {
79  printf("yes");
80  }
81  else{
82        printf("\n\nno");
83       printf("\n Enter value Again for a New
Input\n");
84  }
85  break;
86  case '^':
87  printf("%lf",pow(n1,n2));
88  break;
89
90  case '!':
91  if(n1==n2)
92  {
93  printf("no");
94  }
95  else{
96        printf("\n\nyes");
97       printf("\n Enter value Again for a New
Input\n");
98  }
99  break;
00  case 'E':
01    exit(0);
02    break;
03
04 default:
05    printf("\nEnter value Valid Operator!!!\n");
06    printf("\n\n Enter value Again for a New
```

```
case '=':
if(n1==n2)
{
printf("yes");
}
else{
     printf("\n\nno");
    printf("\n Enter value Again for a New
Input\n");
 }
break;
case '^':
printf("%lf",pow(n1,n2));
break;

case '!':
if(n1==n2)
{
printf("no");
}
else{
     printf("\n\nyes");
    printf("\n Enter value Again for a New
Input\n");
 }
 break;
 case 'E':
   exit(0);
   break;

default:
   printf("\nEnter value Valid Operator!!!\n");
   printf("\n\n Enter value Again for a New
Input\n");
}
getch();

turn 0;
}
```

```
35
36 case '*':
37    res = n1 * n2;
38    printf("\nProduct is = %d",res);
39    printf("\n\n Enter value Again for a New
   Input\n");
40  break;
41
42 case '/':
43    res = n1 /n2;
44    printf("\nQuotient is = %d",res);
45    printf("\n\n Enter value Again for a New
   Input\n");
46  break;
47
48 case 'r':
49    res = n1 % n2;
50    printf("\nReminder is = %d",res);
51    printf("\n\n Enter value Again for a New
   Input\n");
52     break;
53
54  case '>':
55  if(n1>>n2)
56  {
57  printf("yes");
58  }
59  else{
60        printf("\n\nNo");
61         printf("\n Enter value Again for a New
   Input\n");
62  }
63   break;
64
65  case '<':
66  if(n1>>n2)
67  {
68  printf("no");
69  }
70  else{
```


Diagnostics Analysis

```c
#include<stdio.h>
#include<conio.h>
int main()
{


int largest2Of3(int a,int b, int c)
{
 int largest=0;
 if(a>b && a>c)
  largest=a;
 else if(b>a && b>c)
  largest=b;
 else
  largest=c;
 return largest;
}

void avg(int a, int b)
{
printf(" average = %d \n", ((a+b)/2));
printf(" sum  = %d  \n",(a+b));
}
void printeven(int a, int b)
{
int i;
 printf("Even numbers between %d to %d : " ,b,a);
 for (i = b; i <= a; i++)
 {
  if(i%2 == 0)
  {
    printf("%d ", i);
  }
 }


}
int largestNumberOf2(int a,int b)
{
 int largest=0;
```

```
  if(i%2 == 0)
  {
    printf("%d ", i);
  }
 }


}
int largestNumberOf2(int a,int b)
{
 int largest=0;
 if(a>b)
  largest=a;
 else if(b>a)
  largest=b;

 return largest;
}

int num1,num2,num3,m,n;
printf("Enter three numbers: \n");
scanf("%d%d%d",&n1,&n2,&n3);
x = largest2Of3(n1,n2,n3);

if (m==num1)
y = largestNumberOf2(num2,num3);
else if(x==n2)
y = largestNumberOf2(num1,num3);
else
y =largestNumberOf2(num1,num2);


printf("the largest two of the given three are %d
and %d \n",m,n);
avg(m,n);
printeven(m,n);


return 0;
}
```


nalysis

Output