```python
 1 pos_num=0
 2 no_pos_num=0
 3 neg_num=0
 4 no_neg_num=0
 5 arr=[]
 6 tot=0
 7 print("ENTER -1 TO EXIT")
 8 while(arr!=-1):
 9     arr=int(input("ENTER THE ELEMENTS- "))
10     if(arr==-1):
11         print("end of program")
12         break
13     if(arr==0):
14         print("NEITHER POSITIVE NOR NEGATIVE")
15     elif(arr>0):
16         pos_num=pos_num+arr
17         no_pos_num+=1
18         avg=pos_num/no_pos_num
19     else:
20         neg_num=neg_num+arr
21         no_neg_num+=1
22         avgn=neg_num/no_neg_num
23 print("AVERAGE OF POISTIVE OF NUMBERS- ",avg)
24 print("AVERAGE OF NEGATIVE NUMBERS- ",avgn)
```