NUST

NATIONAL UNIVERSITY
OF SCIENCES & TECHNOLOGY

REHAN HASAAN IQBAL

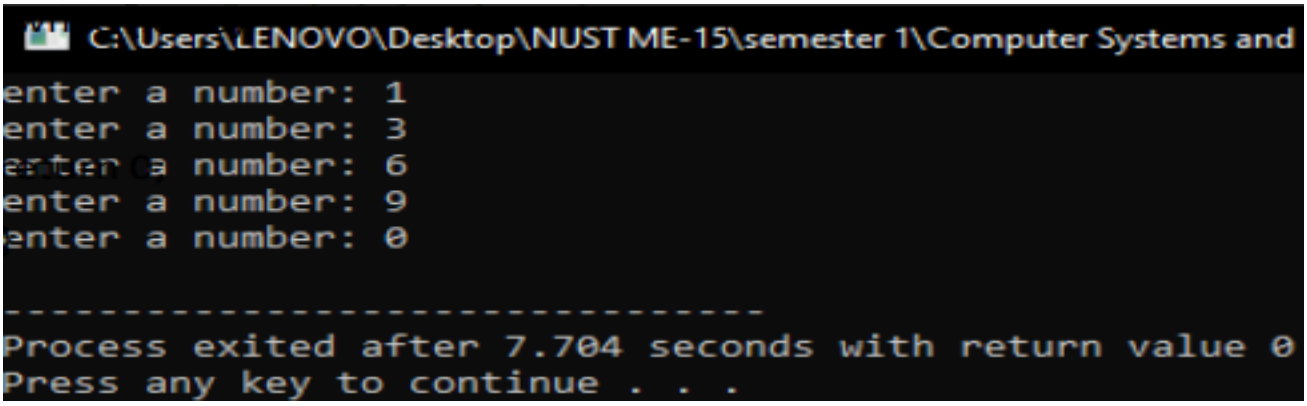
463923

ME15-C

LAB MANUAL 5(LAB TASK)

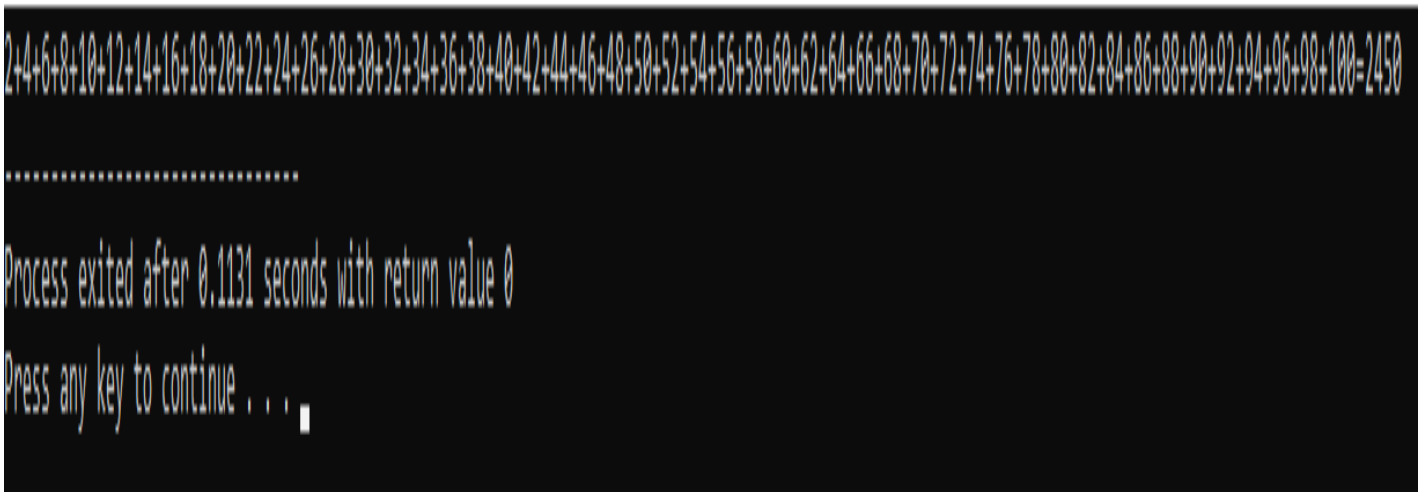
LABTASK 1:

```
#include<iostream>
using namespace std;
int main(){
int x = 1;
do { cout << "enter a number: ";
cin >> x; }
while (x > 0);
return 0
}
```



LABTASK 3a:

```
#include<iostream>
using namespace std;
int main(){
int y=2,s=0;
cout << y;
do{
s = s + y;
y = y + 2;
cout << "+"<<y;
}while(y<100);
cout<<"="<<s;
}
```



LABTASK 3b:

```
#include<iostream>
using namespace std;
int main(){
int y=1,sq=0,s = 0;
cout << y;
do{
y = y + 1;
sq = y * y;
s = s + sq;
cout << "+"<<sq;
}while(y<100);
cout<<"="<<s;
}
```

```
1+4+9+16+25+36+49+64+81+100+121+144+169+196+225+256+289+324+361+400+441+484+529+576+625+676+729+784+841+900+961+1024+1089+1156+1225+1296+1369+1444+1521+1600+1681+1764+1
849+1936+2025+2116+2209+2304+2401+2500+2601+2704+2809+2916+3025+3136+3249+3364+3481+3600+3721+3844+3969+4096+4225+4356+4489+4624+4761+4900+5041+5184+5329+5476+5625+5776
+5929+6084+6241+6400+6561+6724+6889+7056+7225+7396+7569+7744+7921+8100+8281+8464+8649+8836+9025+9216+9409+9604+9801+10000=338349

--------------------------------

Process exited after 0.1223 seconds with return value 0
Press any key to continue . . .
```