## TASK 1

### CODE

#include <iostream>

using namespace std;

int main()

{

cout << "\*\*\*\*\*\*\*" << endl;

cout << "\*\*\*\*\*\*\*" << endl;

cout << "\*\*\*\*\*\*\*" << endl;

cout << "\*\*\*\*\*\*\*" << endl;

cout << "\*\*\*\*\*\*\*" << endl<<endl<<endl;

cout<<"\*"<< endl;

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cout<<"\*"<< endl<<endl<<endl<<endl;

cout<<" \*"<< endl;

cout<<" \*\*"<< endl;

cout<<" \*\*\*"<< endl;

cout<<" \*\*\*\*"<< endl;

cout<<"\*\*\*\*\*"<< endl<<endl<<endl<<endl<<endl;

cout<<"\*\*\*\*\*\*"<< endl;

cout<<" \*\*\*\*\*"<< endl;

cout<<" \*\*\*\*"<< endl;

cout<<" \*\*\*"<< endl;

cout<<" \*\*"<< endl;

cout<<" \*"<< endl;

return 0;

}

## TASK 2

### CODE

#include <iostream>

using namespace std;

int main()

{

cout<<" \*\*\*\* "<<endl;

cout<<" \* "<<endl;

cout<<" \*\*\*\* "<<endl;

cout<<" \* "<<endl;

cout<<" \*\*\*\* "<<endl<<endl<<endl;

cout<<" \* \* "<<endl;

cout<<" \* \* "<<endl;

cout<<" \*\*\*\*\*\*\*\* "<<endl;

cout<<" \* \* "<<endl;

cout<<" \* \* "<<endl;

return 0;

}

### TASK 3

### CODE

#include <iostream>

using namespace std;

int main()

{

int x,y,z;

cout<<"ENTER the first NUMBER: ";

cin>>x;

cout<<"ENTER the 2nd NUMBER greater than first number: ";

cin>>y;

z=y%x;

cout<<"THE REMAINDER IS:"<<z;

return 0;

}

## TASK 4

### CODE

#include <iostream>

using namespace std;

int main()

{

int x1,x2,x3,x4,x5,avg;

cout<<"ENTER THE 1st POSITIVE INTERGER: ";

cin>>x1;

cout<<"ENTER THE 2nd POSITIVE INTERGER: ";

cin>>x2;

cout<<"ENTER THE 3rd POSITIVE INTERGER: ";

cin>>x3;

cout<<"ENTER THE 4thh POSITIVE INTERGER: ";

cin>>x4;

cout<<"ENTER THE 5thh POSITIVE INTERGER: ";

cin>>x5;

avg=x1+x2+x3+x4+x5;

avg=avg/5;

cout<<"The Average of five positive integers is: "<<avg;

return 0;

}

### TASK 5

### CODE

#include <iostream>

using namespace std;

int main()

{

int one\_liter, two\_liter,three\_liter,four\_liter, five\_liter,six\_liter,seven\_liter,eight\_liter;

five\_liter=5;

cout << five\_liter<<endl;

eight\_liter=8;

three\_liter=eight\_liter-five\_liter;

cout<<three\_liter<<endl;

two\_liter= (five\_liter-eight\_liter)+ five\_liter;

cout<<two\_liter<<endl;

six\_liter = (eight\_liter-five\_liter)+(five\_liter-two\_liter);

cout<<six\_liter<<endl;

one\_liter= ((eight\_liter-five\_liter)+(five\_liter-two\_liter))-five\_liter;

cout<<one\_liter<<endl;

four\_liter= (one\_liter-five\_liter)+eight\_liter;

cout<<four\_liter<<endl;

seven\_liter= ((five\_liter-eight\_liter)+ five\_liter)+five\_liter ;

cout<<seven\_liter<<endl;

return 0;

}