27.

#include <iostream>

using namespace std;

int main()

{float number;

cout<<"enter the number=";

cin>>number;

while (number<50)

{

number=number\*2;

cout<<number<<endl;

}

return 0;

}

28.

#include<iostream>using namespace std;int main(){int number1,number2,sum = 0;char ch ; do { cout << "\nEnter two numbers:\t"; cin >> number1 >> number2; sum = number1 + number2 ; cout << "The summation of the two numbers = "<< sum; cout << "\n\nDo you wish to perform the operation again? "; //(Y/N)

cin >> ch;

}

while (ch == 'Y' || ch == 'y');

return 0;

}

29.

/\*31. Write a nested loop that displays the following ouput:\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*/#include <iostream>using namespace std;int main (){ int num1 ; int num2; for(num1=0;num1<=2;num1++) { for(num2=1;num2<=5;num2++) { cout << "X";

}

cout << endl;

}

return 0

}

33.

#include <iostream>using namespace std;int main(){ char doAgain = 'y';int sum = 0;cout << "this code will increment sum 1 or more times.\n ";do{ sum++;cout << "Sum has been incremented. Increment it again(y/n)? ";cin>>doAgain;}while ((doAgain == 'y') || (doAgain == 'Y'));

cout << "Sum was incremented " << sum << "times. \n" ;

return 0;

}

35.

#include <iostream>

using name space sts;

int main()

{

int count;

for(count=0;count<50;count++)

{

cout<<"count is"<<count<<endl;

}

return0;

}

36.

37.

#include <iostream>

#include <fstream>

using namespace std;

int main () {

int i;

ofstream outtfile;

outtfile.open("numbers.txt");

for (int i = 1; i <= 100; i++)

outtfile << i << "";

outtfile.close();

return 0 ;

}

39.

40.