1.Output:

endlendl

grandel

2. It prints a right triangle which is composed of “#”s.

3. #include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

for (int i = side; i > 0; i--)

{

int j=0;

while (j < i-1)

{

cout << " ";

j++;

}

while (j < side)

{

cout << "#";

j++;

}

cout << endl;

}

}

4. #include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

int i=side;

if (side>0)

{ do

{

int j=0;

while (j < i-1)

{

cout << " ";

j++;

}

while (j < side)

{

cout << "#";

j++;

}

cout << endl;

i--;

}

while (i>0);

}

}

5. switch (week)

{

case 0:

cout << "first lecture";

break;

case 4:

case 8:

cout << "midterm";

break;

case 10:

cout << "final";

break;

default:

cout << "nothing";

}