**//Integer to string conversion demo**

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**//This program demonstrates the use of the itoa function to convert integer**

**//to ASCII characters**

**//This version uses \_intoa\_s function that has replaced the depricated itoa**

**//function**

**//I have also demonstrated the capability for base conversion**

#include <iostream>

#include <string>

using namespace std;

int main()

{

int a = 42;

char intStr[10]; //create c-style string to hold the converted string

\_itoa\_s(a, intStr,2); //call integer to ASCII function

string str = string(intStr);

cout << str << endl;

\_itoa\_s(a, intStr,8); //call integer to ASCII function

str = string(intStr);

cout << str << endl;

\_itoa\_s(a, intStr,10); //call integer to ASCII function

str = string(intStr);

cout << str << endl;

\_itoa\_s(a, intStr,16); //call integer to ASCII function

str = string(intStr);

cout << str << endl;

return 0;

}