Struct SCP used to store information about paranormal objects is declared as below:

struct SCP {

int id;

int objClass;

string speConProcedures;

string description;

string\* addendums;

int numAddendums;

};

The paranormal object SCP-038 has the ability to clone other objects, such as SCP-500 (panacea). The clone is independent of the original, and the clone will remain the same whether the original is destroyed or modified.

Implement the function with the following prototype:

SCP\* cloneSCP(SCP\* original);

The function returns a pointer of the new cloned instance of the original object original. Choose the appropriate copy method.

Note: Libraries iostream and string have been imported, and namespace std has been used.

**For example:**

| **Test** | **Result** |
| --- | --- |
| string\* addendums = new string[2];  addendums[0] = "Document #055-1: An Analysis of SCP-055\nThe author puts forward the hypothesis that SCP-055 was never formally acquired.";  addendums[1] = "Document #055-2: Report of Dr. John Marachek\nSurvey team #19-055-127BXE was successfully able to enter SCP-055's container and ascertain the appearance.";  SCP\* obj = new SCP {55, 2, "Object is kept within a five (5) by five (5) by two point five (2.5) meter square room.", "All known information about the object is that it is not round.", addendums, 2};  SCP\* newObj = cloneSCP(obj);  obj->id = 1;  cout << obj->id << " " << newObj->id << "\n";  delete [] obj->addendums;  delete obj;  delete [] newObj->addendums;  delete newObj; | 1 55 |