##### Program 1

WriteaCursorprogramusingMySQLtoretrievetheemail-ids(buildanemaillist)ofemployees fromemployeestable.

##### SOLUTION:

createtableemployees(idinteger,Namevarchar(100),emailvarchar(100));insert intoemployees(id,Name,email) values(1, "HarryPotter", "[pharry@warnerbros.com](mailto:pharry@warnerbros.com)");

insert into employees(id, Name, email) values(2, "Clark Kent","[kclark@dccomics.com](mailto:kclark@dccomics.com)");

insertintoemployees(id,Name,email)values(3,"TonyStark","[stony@marvel.com](mailto:stony@marvel.com)");

DELIMITER$$

CREATEPROCEDUREbuild\_email\_list(INOUTemail\_listvarchar(4000))BEGIN

DECLAREv\_finishedINTEGERDEFAULT0;DECLAREv\_emailvarchar(100)DEFAULT"";

--declarecursorforemployeeemail

DEClAREemail\_cursorCURSORFORSELECTemailFROMemployees;

-- declare NOT FOUND handlerDECLARECONTINUEHANDLERFOR

NOTFOUND SETv\_finished=1;

OPEN email\_cursor;get\_email:LOOP

FETCHemail\_cursorINTOv\_email;IFv\_finished = 1THEN

LEAVE get\_email;END IF;

--buildemaillist

SETemail\_list=CONCAT(v\_email,";",email\_list);END LOOPget\_email;

CLOSEemail\_cursor;

END$$

DELIMITER;

--Callingtheprocedureandgettingtheemaillist

SET@email\_list="";

CALLbuild\_email\_list(@email\_list);SELECT@email\_list;

