
9. Superhero Day

Program Name: Superhero.java

Input File: superhero.dat

For spirit week, your school is having several special days for students to show their school spirit. On one of the days, students are encouraged to dress as their favorite superhero. You have decided to dress as Superman but you need a Superman logo for your shirt. You are to design one exactly like the one below so you can print it on an iron-on transfer. However, since it is a transfer, you will have to print a reverse or mirror image so it will read correctly when transferred to your shirt.

Input

The input file consists of the image of the Superman logo shown below.

Output

You will print the reverse image, shown below, that would be used as a transfer to your shirt.

Example Input File

```
*****
**$$$$$$$$$$$$$$**
**  $$          $$ $ **
**  $$          $$$ **
**  $$$                **
*$$$$$$$$$$                **
*$$$$$$$$$$$$$$$$$$      **
*$$$$$$$$$$$$$$$$$$$$$**
**          $$$$$$**
**          $$$$**
**  $$$          $$$**
**  $$$$$$$$$$**
**          **
**          **
**  **
***
*
```

Example Output to Screen

```
*****
**$$$$$$$$$$$$$$$$$$**
**  $$  $$          $$ **
**  $$$          $$$ **
**          $$$ **
**          $$$$$$**
**          $$$$$$$$$$$$$$**
**$$$$$$$$$$$$$$$$$$**
**$$$$$$$$$$          **
**  $$                **
**  $$          $$$**
**  $$$$$$$$$$**
**          **
**          **
**  **
**  **
***
*
```