#include <stdio.h>

main()

{

int i;

int ctr = 0;

char ans;

// declaring an array of 9 characters and then initializing them

char \*movies [9] = {"Endgame", "Annaatthe", "Dune", "Free Guy", "Schang Chi", "Pushpa", "Jai Bhim", "Red Notice", "Doctor"};

int movieRatings[9];

// this will be used to sort rated movies

char \*tempMovie;

int x, y, didSwap, tempRating;

printf("\*2022 is here!\*\n\n");

printf("Time to rate this year's best picture nominees:\n\n");

for (i=0; i<9; i++)

{

printf("\nDid you see %s? (Y/N): ", movies[i]);

scanf(" %c", &ans);

if ((toupper(ans)) == 'Y'){

printf("\nWhat was your rating on a scale of 1-10: ");

scanf(" %d", &movieRatings[i]);

ctr++;

// this will be used to print only movies you've seen

continue;

}

else {

movieRatings[i] = -1;

printf("\n Must watch great movie");

}

}

// now sort the movies by rating (the unseen will go to the bottom)

for (x=0; x < 8; x++)

{

didSwap = 0;

for (y=x; y < 9; y++)

{

if (movieRatings[y] > movieRatings[x])

{

tempMovie = movies[y];

tempRating = movieRatings[y];

movies[y] = movies[x];

movieRatings[y] = movieRatings[x];

movies[x] = tempMovie;

movieRatings[x] = tempRating;

didSwap = 1;

}

}

if (didSwap == 0)

{

break;

}

}

// now to print the movies you saw in order

printf("\n\n\*Your movie ratings for the 2021\*\n");

for (i=0; i<ctr; i++)

{

printf("%s rated a %d\n", movies[i], movieRatings[i]);

}

return 0;

}