



## Question

A programmer has been asked to write a program that asks the user to input how they are feeling (e.g: Good / OK / Sad) and then outputs one of the following messages based on their input. Good = "Glad you are feeling well.", OK = "Keep going, school is almost over!", Sad = "Sorry you are not happy today."

Write an algorithm in pseudocode which provides a solution to the above.

## Answer



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## Answer

\*\*\*There are always different ways to solve a problem. This algorithm is just an example. What is important is that the logic is correct!\*\*\*

LOGIC:

Ask the user how they are feeling (Good/OK/Sad) and store the result in a variable

```
if feeling contains "Good"
then display "glad you are..."
if not then check to see if feeling contains "OK"
if it does then display "Keep going..."
if not then check to see if feeling contains "Sad"
if it does then display "Sorry you are..."
otherwise display "You entered wrongly"
```

EXAMPLE ALGORITHM:

```
feeling = input("How are you feeling (Good/Bad/Sad)")
if feeling == "Good"
  print("Glad you are feeling well.")
elseif feeling == "OK":
  print("Keep going, school is almost over!")
elseif feeling == "Sad":
  print("Sorry you are not happy today.")
else
  print("You entered wrongly!")
endif
```