Start

Let rate be assigned to user input, (Mph)

Let time be assigned to 1 hour

Let distance be assigned to rate \* time (D = r \* t)

Prompt user with input value to be assigned as rate

If rate value is a valid number, then assign the number to rate

Else Print “invalid input”

Repeat prompt window until valid number is accepted

Once accepted, Distance = (user input) \* 1 hour

Print(Distance)

Stop