|  |  |  |
| --- | --- | --- |
| Input | Process | Output |
| AIR\_PER\_SECOND  WATER\_PER\_SECOND  STEEL\_PER\_SECOND  MIN\_DISTANCE\_TRAVELED  user\_selection  amount\_traveled  amount\_time | Display menu and grab user\_selection.  validate user\_selection. If invalid grab user\_selection again.  Grab the amount of distance traveled from the user. store in amount\_traveled.  Validate amount\_traveled is greater than MIN\_DISTANCE\_TRAVELED. If not grab amount\_traveled again.  Based on user\_selection calculate amount\_time by taking amount\_traveled divide the constant that correlates to menu.  Display output | amount\_traveled  amount\_time |