

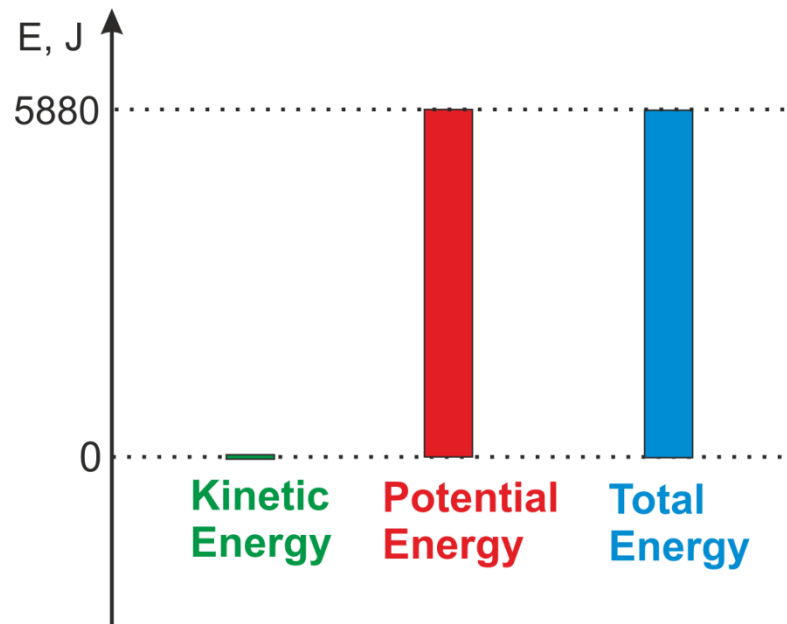
### Answer on Question #85172, Physics / Other

A  $m = 60$  kg student dives from a  $h = 10$  meter platform into the pool below. Determine her  $E_g$  at the top of the platform and label it on the initial bar graph.

#### Solution:

The gravitational potential energy

$$E_g = mgh = 60 \text{ kg} \times 10 \text{ m} \times 9.8 \frac{\text{m}}{\text{s}^2} = 5880 \text{ J}$$



**Answer:** 5880 J

Answer provided by <https://www.AssignmentExpert.com>