

# Feedback Mechanisms and Homeostasis



Lab # 1

Miss School, Miss Out!

# Feedback Mechanisms and Homeostasis

**Question:** What kind of feedback mechanism controls blood glucose level?

**Hypothesis:**

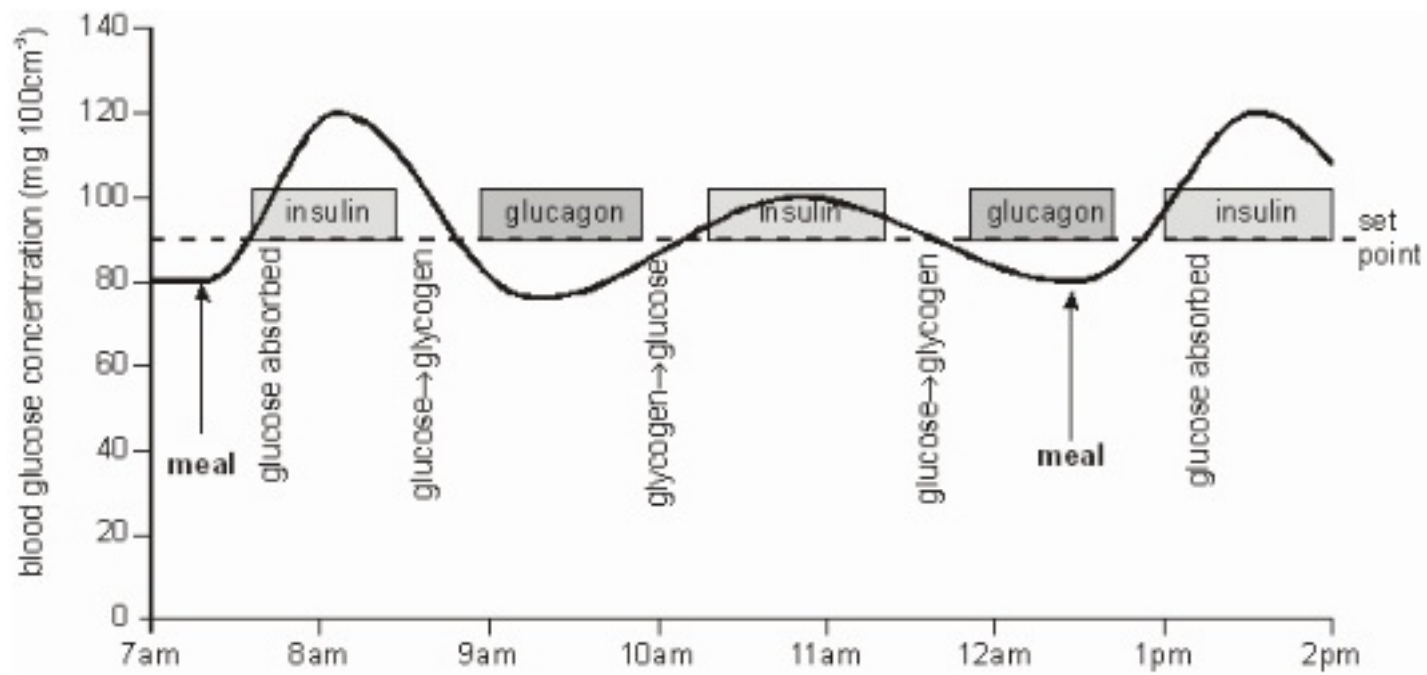
**Procedure:** Study the three graphs and make observations and inferences

**Observations/Data:** Make 2 observations and 1 inference for each graph.

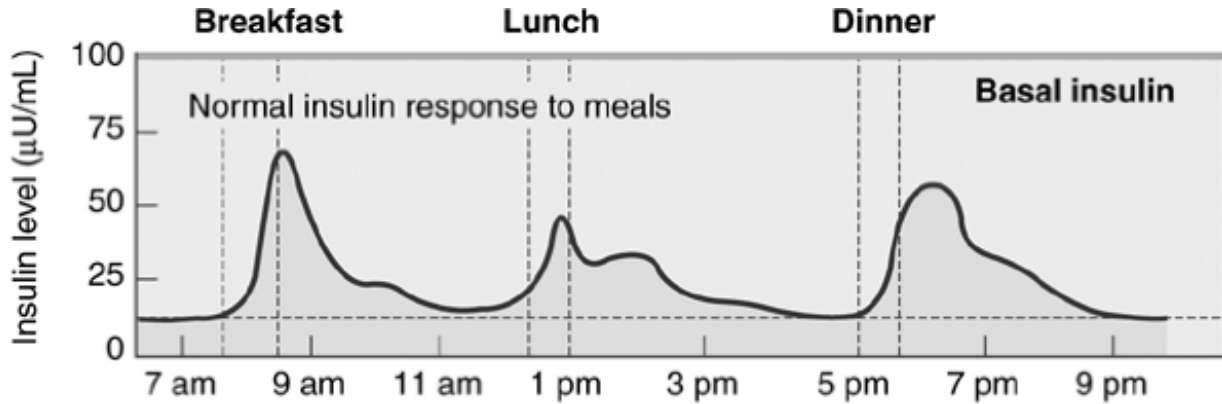
**Analysis & Conclusion:** Support/Reject hypothesis using observational data

**Statement of Significance:** Answer the original question

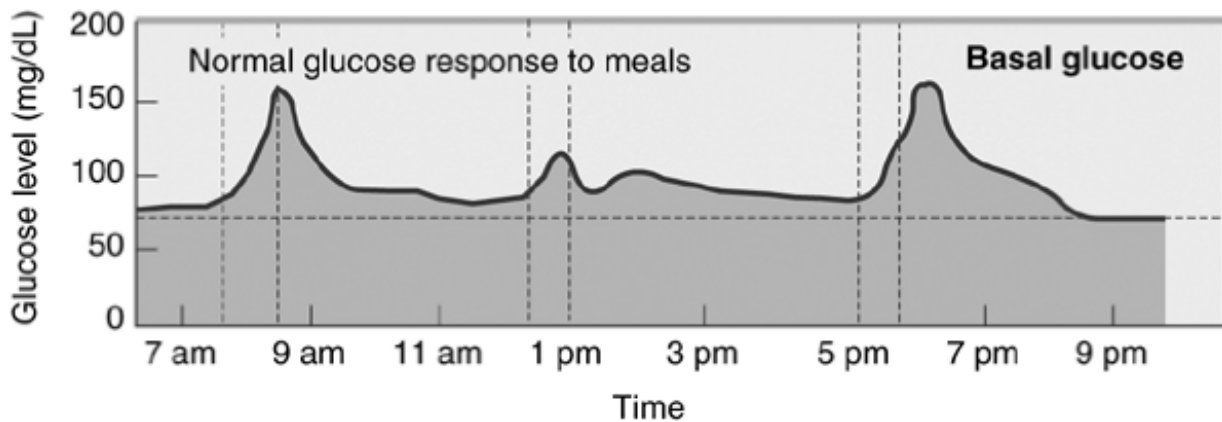
graph 1



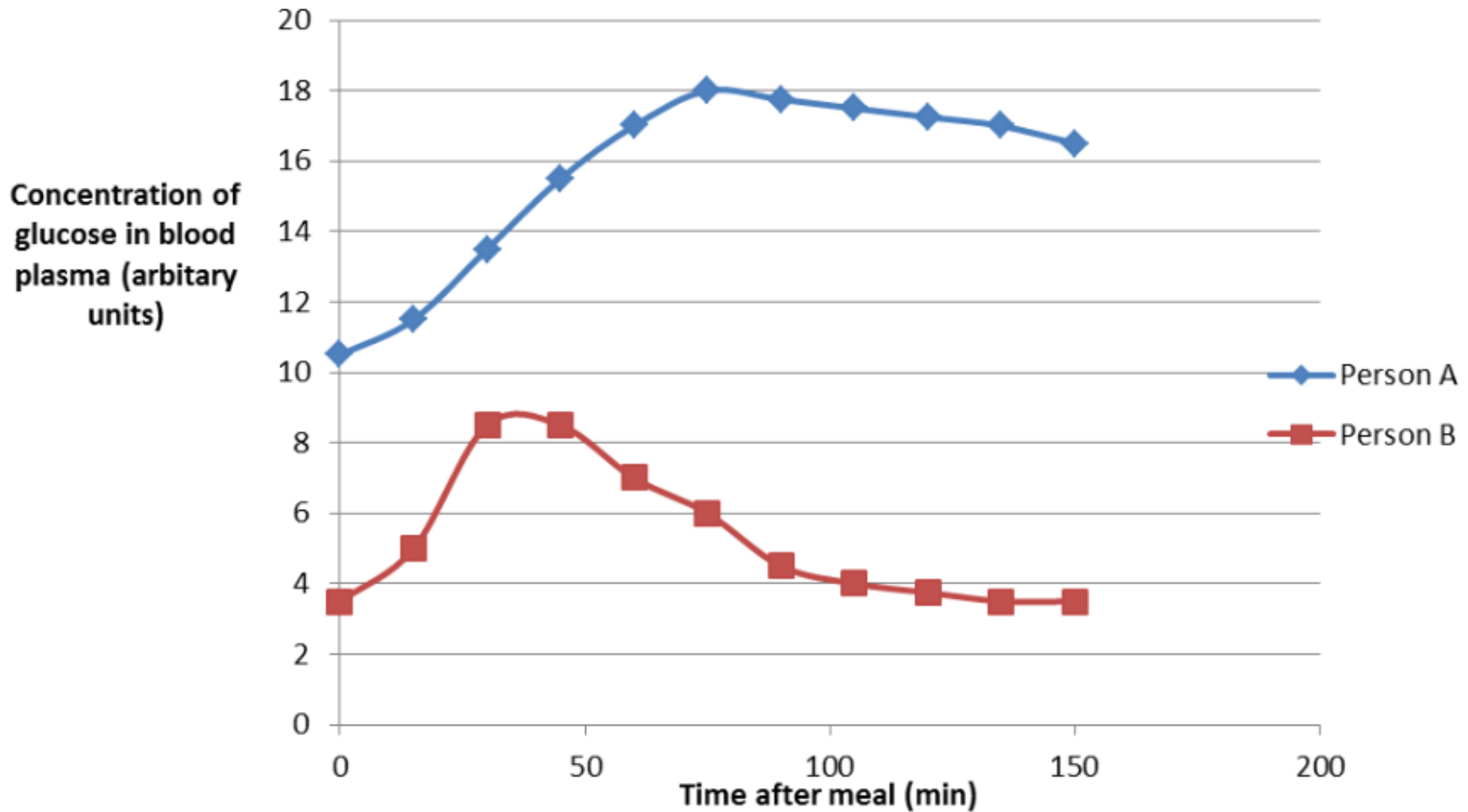
graph 2



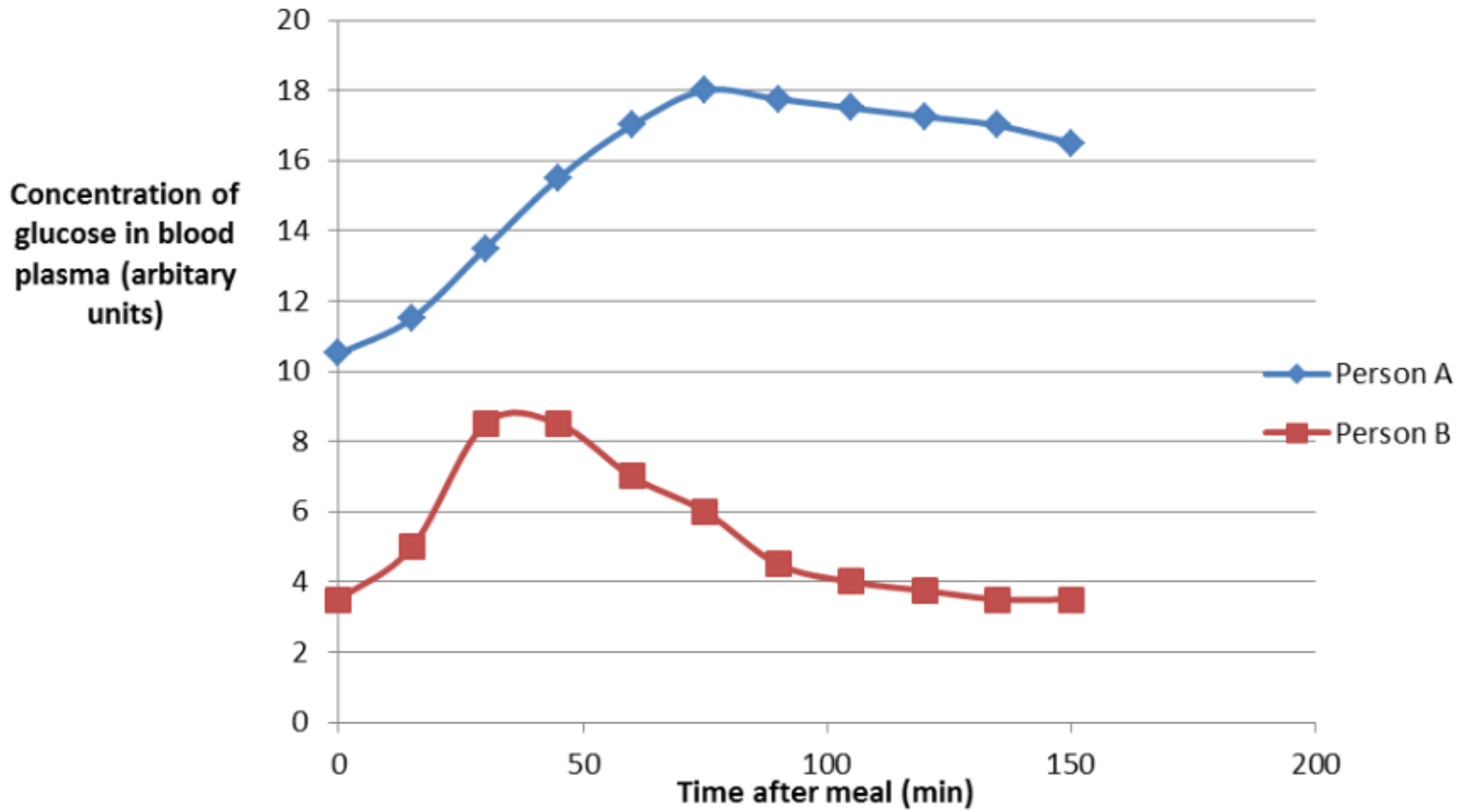
graph 3



The graph shows the blood glucose concentration for two people after both have eaten a high glucose meal.



One person suffers from diabetes. Which person is it?  
Explain why you have selected that person.



Sketch a new graph showing the concentration of insulin for person A and person B.