

### Exercise. Heart rate limits

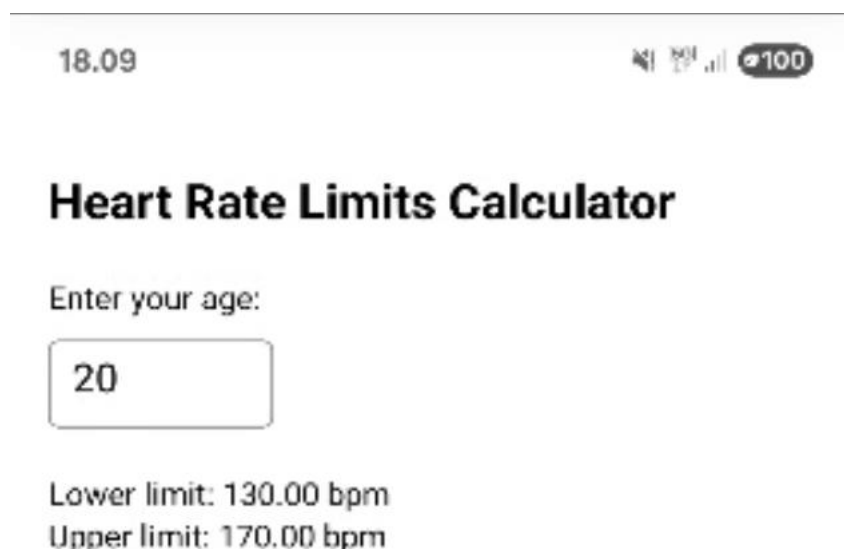
Implement application, that calculates heart rate limits for doing sports based on age.

Formula for calculation:

Lower:  $(220 - \text{age}) * 0.65$

Upper:  $(220 - \text{age}) * 0.85$

UI is as follows. User types in age and app will calculate hr limits. If non-numeric value (e.g. only commas or dots) are entered, app will display zero as lower and upper limits.



18.09 100

## Heart Rate Limits Calculator

Enter your age:

Lower limit: 130.00 bpm  
Upper limit: 170.00 bpm