

Activity 1.1.6



The table below stores the name and time in seconds taken by a group of students to complete a 100 – metre race.

Name	Time(sec)
Rashid	11.5
Khalid	12.5
Bilal	13.5
Hamad	11.0
Ahmad	15.0

(a) Create a 2D array for the information shown in the table above.

```
1 import numpy as np
2 race=np.array([[ "Rashid",11.5],[ "khalid",12.5],[ "Bilal",13.5],
3               [ "hamad",11.0],[ "Ahmed",15.0]])
4 race_n=np.array([[ "Hazza",11.0],[ "Majid",11.5]])
5
```

(b) Append the array you have created in (a) with the following information.

Name	Time(sec)
Hazaa	11.0
Majid	11.5

Choose the correct answer:

a	<code>np.vstack((race,race_n))</code>
b	<code>np.hstack((race,race_n))</code>