

Robotics- ROS Assignment 1.1

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1. Identify at least 3 practical robot applications of fundamental data types and collection data types.

Ans.

- 1) Data type is used to store different types of data in variables of different threshold values of sensors (float) even boolean(T/F or 1/0) values.
- 2) It is also used for the different types of variable used in a function
- 3) data types are used to map coordinates

2. Identify the importance of variables in the field of robotics.

Ans.

Variables store sensor data as an input point of view and also in different functions of robotics algorithms require variables for predefined data storage to initialize.