«Introduction to Mechanical Engineering»
Quiz 2

Task 1

1. Why do we need bearings?

2. How to fix radial bearing on a shaft. At least 2 possible ways.

Task 2

1. Could you name all highlighted parts from the picture (fig. 1)?

2. What the difference between bolden and direct extruders.

3. Could you write the printing process, starting that you have *ideal* CAD model in «prt» format.
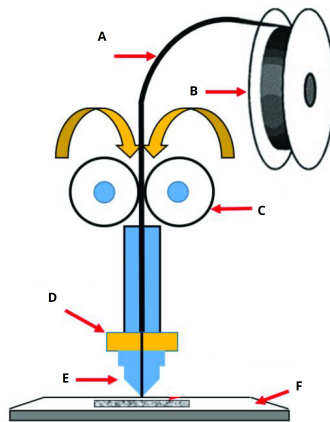

Figure 1: Task 2.1

Task 3

1. Could you name each of type connection on the figure (fig. 2). What the benefits of each of them?

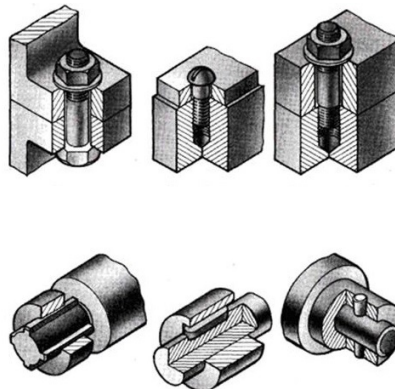2. How to connect two shafts together? Why do we need it?

Figure 2: Task 3.1