

BE1200 – Fall 2009
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Quiz # 6

I.

$$R = 15,197 \Omega$$

II.

```
1 task main ()
2 {
3   SetSensorType (SENSOR_1, SENSOR_TYPE_TOUCH);
4   SetSensorMode (SENSOR_1, SENSOR_MODE_PULSE);
5   SetSensorType (SENSOR_2, SENSOR_TYPE_TOUCH);
6   SetSensorMode (SENSOR_2, SENSOR_MODE_PULSE);
7   until (SENSOR_1 != SENSOR_2 );
8   until (SENSOR_1 == 3*SENSOR_2);
9   OnFwd(OUT_A);
10 }
```