|  |  |  |  |
| --- | --- | --- | --- |
|  | Activation Shape | Activation Size | Parameters |
| Input | (32,32,3) | 3072 | 0 |
| CONV1 (f=5,s=1) | (28,28,6) | 4704 | 456 |
| POOL1 | (14,14,6) | 1176 | 0 |
| CONV2 (f=5,s=1) | (10,10,16) | 1600 | 2416 |
| POOL2 | (5,5,16) | 400 | 0 |
| FC3 | (120,400) | 120 | 48120 |
| FC4 | (84,120) | 84 | 10164 |
| Softmax | (10,84) | 10 | 850 |

**Question 1.**

**Question 2c.**

Because we are using resnet34 that are already trained on very large dataset so its accuracy is 98% as compared to the model we have build have accuracy relatively less 91% but it is enough because of using CONV layers.