Explain what the two decorators are doing in an RYU application, i.e.,

1. @set_ev_cls(ofp_event.EventOFPSwitchFeatures, CONFIG_DISPATCHER)

2. @set_ev_cls(ofp_event.EventOFPPacketIn, MAIN_DISPATCHER)

Submission: **PDF** to NYU Classes -> assignments -> Lab3, due at 10:30 a.m. today

1. ofp_event.EventOFPSwitchFeatures is for switch-feature message. The Open Flow controller of RYU will automatically decode this OpenFlow message which is received by switch. And CONFIG_DISPATCHER is the condition. Which means that, this decorator can be used before the define of the handler. So when Handler is on the CONFIG_DISPATCHER condition, it will receive the Switch Feature OpenFlow message.

2. ofp_event.EventOFPPacketIn is for Packet-in message. The OpenFlow controller of RYU will automatically decode this OpenFlow message which is received by switch. And MAIN_DISPATCHER is the condition. Which means that, this decorator can be used before the define of the handler. So when Handler is on MAIN_DISPATCHER condition, it will receive the Packet In OpenFlow message.