Best arm = 4

Arm\_means = [0, 3.912545107746648, 1.8361044887970712, 3.5935905774533343, 4.422531167382056, 1.698217419190764, 3.863366117196227, 2.9235906594153684, 0.14301753068452605, 4.282966033167458]

Arm\_vars = [4.50610623 1.1675986 1.93263261 0.32270978 4.35911753 4.82355203

4.54430768 4.9270218 0.94232219 3.87724847]