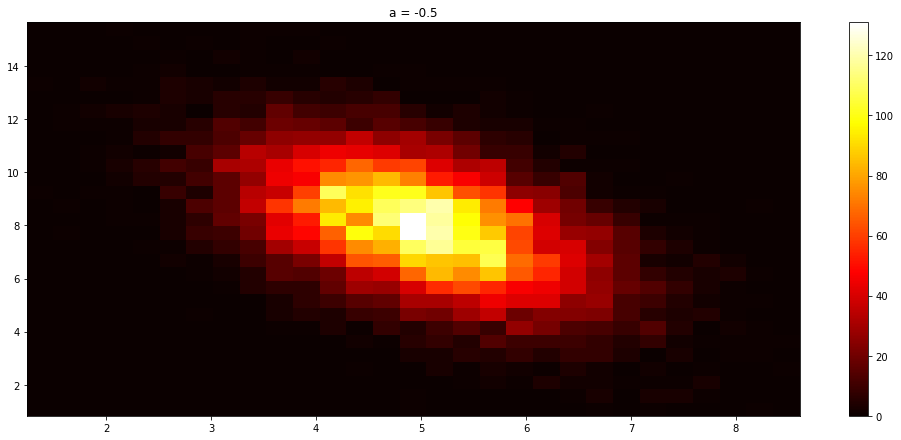
Assignment 5

Name – Abhishek Agrahari

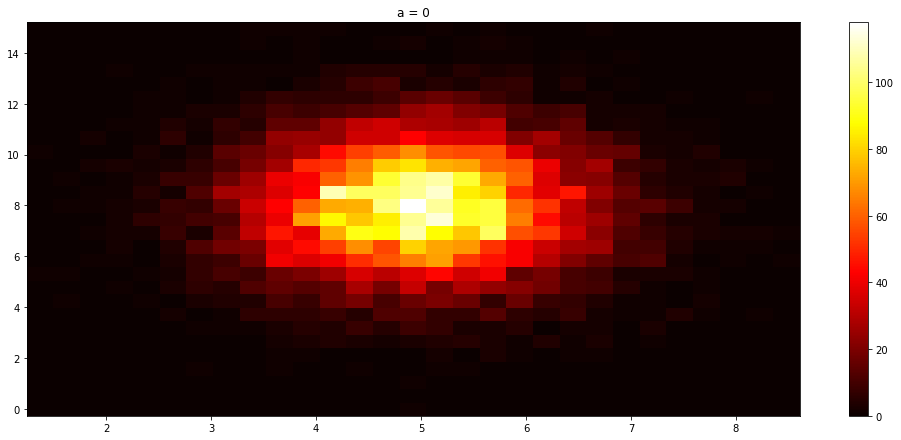
Roll Number 190123066

Question 1

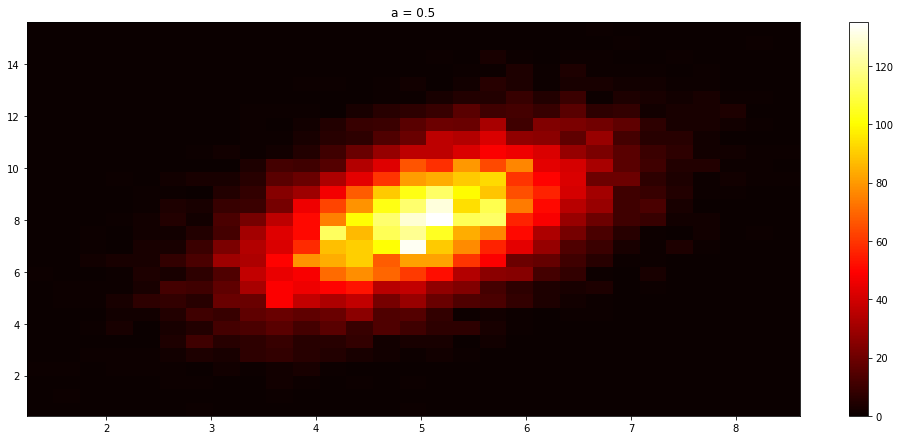
(a) Done on the code file.

(b) (i) a = -0.5

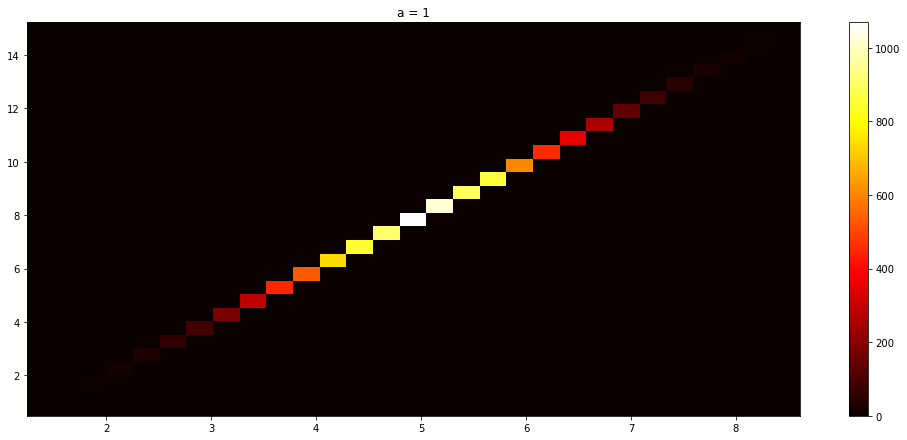
(ii) a = 0



(i) a = 0.5

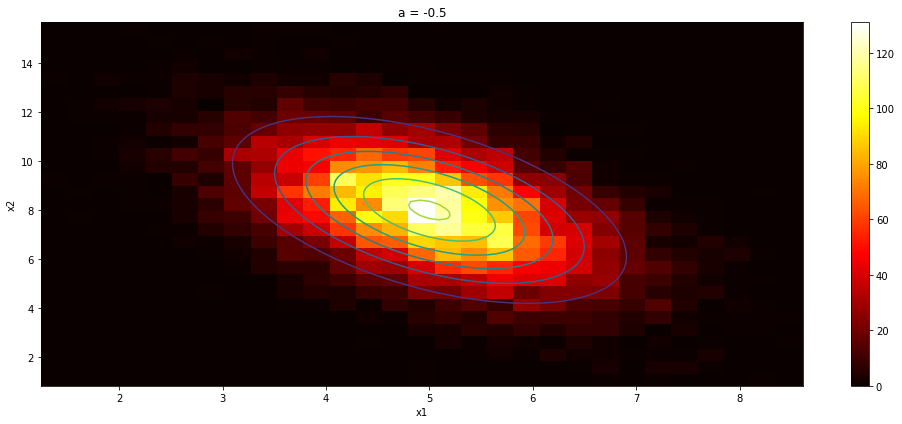


(iii) a = 1

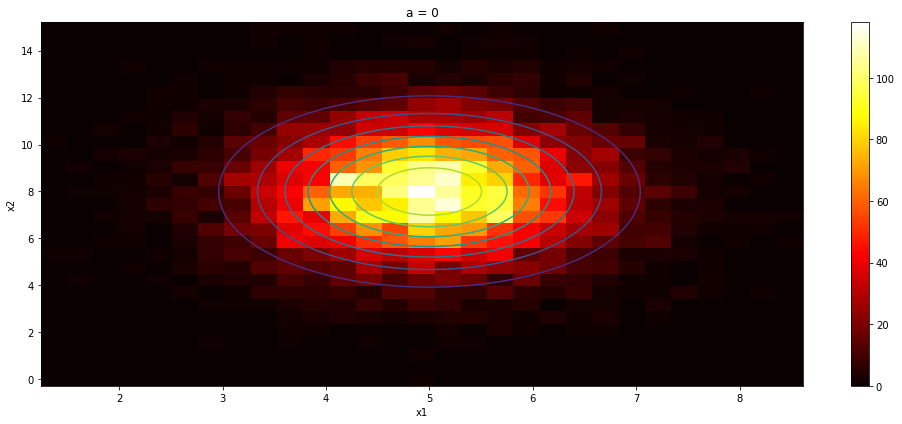


(c) For a = 1, random variable doesn't have a PDF as the covariance matrix is singular.

(i) a = -0.5



(ii) a = 0



(iii) a = 0.5

