

Q3.R

mirrien

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```
#####  
# Define parameters  
x <- seq(f=-10,t=10,length=100)  
  
y_1 = x^2  
y_2 = 2^x  
  
plot(x,y_1,  
      main = "The graphs of x^2 and 2^x",  
      xlab = "Value of x",  
      ylab = "Value of y",  
      ylim=c(0,150),xlim=c(-10,10),  
      col = 1,  
      type = "l")  
lines(x,y_2,  
       col = 2,  
       lty = 2)  
legend(-10,150,  
       legend=c("x^2", "2^x"),  
       col = 1:2,  
       pch = c(NA,NA),  
       lty = c(1,2))
```

The graphs of x^2 and 2^x

