```
#Logistic Regression Method 1
library(mlbench)
data("PimaIndiansDiabetes")
fit=glm(diabetes~., data=PimaIndiansDiabetes, family =
binomial(link='logit'))
print(fit)
probabilities=predict(fit, PimaIndiansDiabetes[,1:8], type='response')
predictions=ifelse(probabilities>0.5, 'pos','neg')
table(predictions, PimaIndiansDiabetes$diabetes)

#Logistic Regression Method 2
library(caret)
library(mlbench)
data("PimaIndiansDiabetes")
set.seed(7)
trainControl=trainControl(method="cv", number=5)
fit.glm=train(diabetes~., data=PimaIndiansDiabetes, method="glm",
metric="Accuracy", preProcess=c("center","scale"),
trControl=trainControl)
print(fit.glm)
summary(fit.glm)
```