best <- function(state, outcome) {

outcomedt <- read.csv("~/R And GITHUB AND EVERYTHING/R/Projects/R programming/Hospital/outcome-of-care-measures.csv")

outcomelist <- c("heart attack", "heart failure", "pneumonia")

outcomecheck <- intersect(outcome, outcomelist)

stateabbreviation <- state.abb

stateabbreviations <- c(stateabbreviation, c("DC", "PR", "VI", "GU"))

if (length(outcomecheck) == 0) {

stop("invalid outcome")

}

statecheck <- intersect(state, stateabbreviations)

if (length(statecheck) == 0){

stop("invalid state")

}

outcomealls <- outcomedt[, 7]

hospitalnames <- outcomedt[, 2]

hospitalnamedt <- as.data.frame(hospitalnames)

outcomeallstated <- as.data.frame(outcomealls)

outcomeallstates <- cbind.data.frame(outcomeallstated, hospitalnamedt)

outcomeallstate <- data.frame(Date=as.Date(character()),

File=character(),

User=character(),

stringsAsFactors=FALSE)

if (outcome == "heart attack"){

heartaallstates <- outcomedt[, 11]

haallstates <- as.data.frame(heartaallstates)

hadata <- cbind.data.frame(outcomeallstates, haallstates)

outcomeallstate <- hadata

}

if (outcome == "heart failure"){

heartfallstates <- outcomedt[, 17]

hfallstates <- as.data.frame(heartfallstates)

hfdata <- cbind.data.frame(outcomeallstates, hfallstates)

outcomeallstate <- hfdata

}

if (outcome == "pneumonia"){

pneuallstates <- outcomedt [, 23]

pnallstates <- as.data.frame(pneuallstates)

pndata <- cbind.data.frame(outcomeallstates, pnallstates)

outcomeallstate <- pndata

}

colnames(outcomeallstate) <- c("state", "hospital name", "data")

statedlist <- outcomeallstate[outcomeallstate$"state" == state,]

almostdonelist <- statedlist[statedlist$"data" != "Not Available",]

almostdonelist$"data" <- as.numeric(as.character(almostdonelist$"data"))

orderedlist <- almostdonelist[order(almostdonelist$"data"),]

datamin <- min(orderedlist[, 3])

topmaybetied <- orderedlist[orderedlist$"data" == datamin,]

inaorder <- topmaybetied[order(topmaybetied$"hospital name"),]

print(paste(inaorder[[1,2]]))

}