x="ms9yew";#neptun kód

z=charToRaw(iconv(x, "latin1", "UTF-8"))

for (i in 1:6) v=paste("0x",z,sep="")

e=strtoi(v)

ax=e[1];ay=e[2];az=e[3];av=e[4];ss=sum(strtoi(v))

cat("ax=",ax,"\n")

cat("ay=",ay,"\n")

cat("az=",az,"\n")

cat("av=",av,"\n")

cat("ss=",ss,"\n")

ar=c( "FB","AAPL","AMZN","GOOG","NFLX","TSLA")

ai=ss-6\*floor(ss/6)

ev=2020-(ss-20\*floor(ss/20))

cat("ev=",ev,"\n")

cat("reszveny=",ar[ai],"\n")

# 3as feladat ---------------------------

plot(zn)

points(zm,col='red')

N <- 800

a <- 1

b <- -1

Z <- rnorm(N)

epsilon <- rnorm(N)

eta <- rnorm(N)

aa <- runif(1)

bb <- runif(1)

X <- (aa + bb \* Z + epsilon) + eta

Y <- a + b \* X + epsilon

plot(X,Y)

abline(a,b, lty=2, lwd=3)

abline(lm(Y~X), col="red", lwd=3)