

Q.1
M = 11, Length N = 23
Order = 22
fir1(22, 0.56, blackman(23))

Q.2
M = 9, Length N = 19
Order = 18
fir1(18, 0.575, 'high', blackman(19))

Q.3
M = 10, Length N = 21
Order = 20
fir1(20, [0.2187 0.66665], 'bandpass', hamming(21))

Q.4
M = 11, Length N = 23
Order = 22
fir1(fir1(22, [0.2308 0.7692], 'stop', hamming(23))