Solution to Lab exercises - Chapter 5

```
% Exercise 4 - chapter 5
for i=1:4
    for j=1:7
        A(i,j)=i+j;
    end
end
disp(A);
```

```
% Exercise 5 - Chapter 5
s=0;
for n=1:100
    s=s+(-1)^n*1/(2*n+1);
end
disp(s);
```

```
% Exercise 6 - Chapter 5
s=0;
x=[15 -6 0 8 -2 5 4 -10 0.5 3];
for i=1:10
    if x(i)>0
        s=s+x(i);
    end
end
disp(s);
```

```
% Exercise 7 - chapter 5
n=1;
while n^3 <=4000
    if (mod(n,3)==0)& (mod(n,2)~=0)
      min=n;
    end
    n=n+1;
end
disp(min);
```