# Question 1-)

function result = Question1(a,b)

while(b~=0)

t=a;

a=b;

b=mod(t,b);

end

if a==1

result =1;

else

result=0;

end

end

# Question 2-)

function index = Question2(a)

index =[];

for i=1:length(a)

if(a(i)<0)

index(length(index)+1)=i;

end

end

end

# Question 3-)

function result = Question3(input,r1,r2)

if size(input,1) < r1 || size(input,1) < r2

fprintf("Error Please Enter A valid Row Number \n");

return;

end

result = input;

for i=1:size(input,2)

result(r2,i)= result(r1,i)+result(r2,i);

end

end

# Question 4-)

function result = Question4(a)

result =1 ;

for i=1:length(a)-1

if( ~(mod(a(i),a(i+1))==0 || mod(a(i+1),a(i))==0) )

result =0;

break

end

end

end

Question 5-)

function [rs] = Question5(a)

if length(a)<2

fprintf("Error, Your array must have at least two element\n")

return;

end

if(a(1)<a(2))

rs(1)=a(1);

rs(2)=a(2);

else

rs(1)=a(2);

rs(2)=a(1);

end

for i=3:length(a)

if a(i) < rs(1)

rs(2)=rs(1);

rs(1) = a(i);

elseif a(i) < rs(2)

rs(2) = a(i);

end

end

end

# Question 6-)

a =

5

b =

-3

c =

-6

b =

11

a =

32

x =

1

x =

1

y =

-1

b =

21

a =

10

b =

21

c =

40

a =

21

b =

40

x =

60

y =

101

# Question 7-)

z =

-1

x =

-3

y =

-1

x =

-2

y =

12

z =

-3

x =

-3

t =

8

y =

18

z =

6

x =

9

t =

6

y =

18

z =

9

z =

18

y =

9

x =

6