```
Task 1:
```

Task 2:

```
function [] = PhuongTrinhBac2(a,b,c)
     if(a==0 && b==0 && c==0)
          fprintf("Infinite solution\n");
     end
     delta = b^2 - 4*a*c;
     if(delta < 0)
         fprintf("No solution\n");
     elseif (delta == 0)
         fprintf ("x1=x2=%.2f\n", (-b-sqrt(delta)/(2*a)));
     elseif (delta > 0)
          fprintf ("x1=%.2f, x2=%.2f\n",(-b-sqrt(delta)/(2*a)),(-b+sqrt(delta)/(2*a)))
     end
 end
Task 3:
 function [] = CalSum(n)
     tong = 0;
     for i=0:2:n
          tong = tong +i;
```

Task 4:

end

fprintf("%d\n",tong);

```
function [] = EnterPrime()
    n = input("Enter a value");
    matrix = [];
    for i = 1:n
             matrix(i) = input(['Enter the value of a[' num2str(i) ']: ']);
    end
    for i = 1:n
             if(CheckPrime(matrix(i)) && matrix(i)>2)
                 fprintf("%d ",matrix(i))
             end
    end
end
function [result] = CheckPrime(n)
    result = 1;
    for i = 2: sqrt(n)
        if(mod(n, i) == 0)
            result = 0;
        end
    end
end
Task 5:
  function [Pi,step] = CalPI(EPS)
      for i= 1:3
          a = 1;
          b = 1/sqrt(2);
          t = 1/4;
          x = 1;
          step = 0;
          error= abs(a-b);
          while error>= EPS
              y=a;
              a=(a+b)/2;
              b=sqrt(b*y);
              t=t-x*(y-a)^2;
              x=2*x;
              error=abs(a-b);
              step = step+1;
          end
          Pi = ((a+b)^2)/(4*t);
```

end

end

```
function [] = EnterEPS()|
    EPS=[];
    Pi=[];
    step = [];
    for i = 1:3
        EPS(i) = input(['Enter the value of EPS[',num2str(i),']']);
    end
    for i = 1:3
        [Pi(i),step(i)] = CalPI(EPS(i));
    end
        fprintf("EPS:%.4f\t%.4f\t%.4f\n ",EPS(1),EPS(2),EPS(3));
        fprintf("Pi:%.4f\t%.4f\t%.4f\n ",Pi(1),Pi(2),Pi(3));
        fprintf("step:%d\t%d\t%d\n ",step(1),step(2),step(3));
        fprintf("\n");
end
```