## Convert Below Named functions to first class and anonymous functions

function sayHello() {

console.log(“Hello”);

}

ans: a) First class function;

var one=function sayHello(){

console.log(“Hello”);

}

one();

\*\*\*\*\*

b)Anonymous function;

var sayHello = function(){

console.log(“Hello”);

}

sayHello();

===================================================================

function printNumber() {

console.log(5);

}

ans: a) First class function;

var two = function printNumber(){

console.log(5);

}

two();

\*\*\*\*\*

b) Anonymous function;

var printNumber = function(){

console.log(5);

}

printNumber();

====================================

function addAndPrint() {

console.log(2 + 3);

}

ans: a) First class function;

var three = function addAndPrint(){

console.log(2+3);

}

three();

\*\*\*\*\*

b) Anonymous function;

var addAndPrint = function(){

console.log(2+3);

}

addAndPrint();

====================================

function add(a, b) {

return a + b;

}

ans: a) First class function;

var four= function add(a,b){

return a+b;

}

console.log(four(1,2));

\*\*\*\*\*

b) Anonymous function;

var add= function(a,b){

return a+b;

}

console.log(add(1,2));

====================================

function subtract(a, b) {

return a - b;

}

ans: a)First class function;

var five = function subtract(a,b){

return a-b;

}

console.log(five(2,1));

\*\*\*\*\*

b) Anonymous function;

var subtract= function(a,b){

return a-b;

}

console.log(subtract(2,1));

=====================================

function double(x) {

return x + x;

}

ans: a) First class function;

var six=function double(x){

return x+x;

}

console.log(six(4));

\*\*\*\*\*

b) Anonymous function;

var double = function(x){

return x+x;

}

console.log(double(4));

=====================================

function square(x) {

return x \* x;

}

ans: a) First class function;

var seven = function square(x){

return x\*x;

}

console.log(seven(7));

\*\*\*\*\*

b) Anonymous function;

var square = function(x){

return x\*x;

}

console.log(square(2));

=====================================

function isPositive(x) {

return x > 0;

}

ans: a) First class function;

var eight = function isPositive(x){

return x>0;

}

console.log(eight(8));

\*\*\*\*\*

b) Anonymous function;

var isPositive = function(x){

return x>0;

}

console.log(isPositive(-1));

=====================================

function absolute(x) {

if (x < 0) {

return 0 - x;

}

return x;

}

ans: a) First class function;

var nine = function absolute(x){

if(x<0){

return 0-x;

}

return x;

}

console.log(nine(-4));

\*\*\*\*\*

b) Anonymous function;

var absolute = function(x){

if(x<0){

return 0-x;

}

return x;

}

console.log(absolute(-4));

=====================================

function max(a, b) {

if (a > b) {

return a;

}

return b;

}

ans: a) First class function;

var tenth= function max(a,b){

if (a > b) {

return a;

}

return b;

}

console.log(tenth(20,10));

\*\*\*\*\*

b) Anonymous function;

var max=function(a,b){

if (a > b) {

return a;

}

return b;

}

console.log(max(10,20));