



# INDIAN SCHOOL DARSAIT DEPARTMENT OF ICT



**Subject:** Computer Science

**Topic:** Function Overloading

**Worksheet No.:**3

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**Date:**\_\_\_\_\_

**Name of the Student :**\_\_\_\_\_

**Class &Div:** XII A

**Roll Number :**\_\_\_\_

**Give output for the following code snippet:**

```
1. void print(int i)
{
cout << "Printing int: " << i << endl;
}
void print(double f)
{
cout << "Printing float: " << f << endl;
}
void print(char* c)
{
cout << "Printing character: " << c << endl;
}
```

```
int main()
{
print(5);
print(500.263);
print("Hello C++"); return 0;
}
```

```
2. int Add(int X, int Y, int Z)
{
return X + Y;
}
double Add(double X, double Y, double Z)
{
return X + Y;
}
int main()
{
cout << Add(5, 6);
cout << Add(5.5, 6.6);
return 0;
}
```

```

3. int main() {
    int a = 5;
    float b = 5.5;
    display(a);
    display(b);
    display(a, b);
    return 0;
}
void display(int var) {
    cout << "Integer number: " << var << endl;
}
void display(float var) {
    cout << "Float number: " << var << endl;
}
void display(int var1, float var2) {
    cout << "Integer number: " << var1;
    cout << " and float number:" << var2;
}

```

```

4. void Print ( ) {
    for (int K=1;K<=60; K++) cout<< "-";
    cout<<endl;
}
void Print (int N) {
    for (int K=1;K<=N; L++) cout<<"*";
    cout<<endl;
}
void Print(int A, int B) {
    for(int K=1;K<=B;K++) cout<<A*k;
    cout<<endl;
}
void Print(char T, int N) {
    for (int K=1;k<=N;K++) cout<<T;
    cout<<endl;
}
void main( )
{
    int U=9,V=4,W=3;
    char C ="@";
    Print(C,V);
    Print(U,W);
}

```