তারিখ সময় ভলাশয় সংস্কারের মাধ্যমে মৎস্য উৎপাদন বৃদ্ধি প্রকল্প
Here we have ero
Tagk 1(a)
Here we need to create an
adjacent matrix. As the graph
is directed so we took all the
output at and we replaced
the row column withe weight.
Task-216)
Here we used adjoacent met
list to dindrauntae get all of
our values. We used dictionary
here to store the values a our
according to their correspondine weigh
মুৎস্য অধিদপ্তর, বাংলাদেশ, ঢাকা।

তারিখ <b>প্রকল্প পরিচালকের দপ্তর</b> সময় জলাশয় সংস্কারের মাধ্যমে মৎস্য উৎপাদন বৃদ্ধি প্রকল্প
Tagk 2
I have creaded an a object of
every number possible in the graph
All the objects has the same
colorp poperly and vertex proper
to store if their verterjes of In
bfs traversal we traverse to
all the vertectes first of the
words all the levels first.

তারিখ প্রিচালকের দপ্তর সময় জলাশয় সংস্কারের মাধ্যমে মৎস্য উৎপাদন বৃদ্ধি প্রকল্প
Task-3
Here was I used strack
implementation to do our
des traversal. We found one
vertex and went depth of it
to find all the wrresponding
vertecles.
Eart
Task - 4
we used the DEI traversa)
to find a cycle If us have
found it thankther rations
· itn a color value 1 again tuen

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Here I have used a the bls traversal method to traverse the whole graph. Additionally I made an array with minus one. I updated the array warmy The element number of the of index to the poped / the prompt value to truck the parent. Then traverse that or one to find shortest path.

## +ask-6

Here we created a 2D imptrix and traverse the whole thing. Then we used an exception DFs traversed to track our available path and find the total myber number of Diamon and find the total myber number of Diamon Then we return the value. Then we check if we found any better number of diamond while traversing. Note if I already traversed the whole array we build a not wall so that in the next traversed we same path.