

OH YESSSSSSSSSSSSSSSSSS

Submitted by Shivam Verma

Study Title

Oh yessssssssssssssss

Funding Source

State Bank of India

Anticipated Start Date

2023-03-08T15:16:10.316Z

Type of Review

2

Is this a funded project?

true

Project Leader Type

1

Project Type

IIIT-internal

Study Background

Badiya HAI

Research Summary

None

Purpose of Study

Chalo Dekhein

Are the subjects capable of understanding the nature of the study and the consenting process?

1

Are the subjects paid (monetarily) for entering the study?

1

Will you be using a signed receipts to acknowledge the payment to participants?

1

Are other inducements planned to recruit subjects?

Will the subjects receive intangible benefit from the study? (eg. Course Credits)

1

How many subjects are needed for the study?

Lets play HOLI

Of the subjects studied, what will be the ratio of males to females

Happy Diwali

Institutional Review Board

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Indraprastha Institute of Information Technology Delhi (IIITD)

Department of Computational Biotechnology

BIO213 – Introduction to Quantitative Biology

MID-SEM EXAM (March 07, 2022)

Time duration: 1 hour

Total marks: 50

Instructions:

1. Answers need to be handwritten. Typed documents will NOT be accepted.
2. Scan all the answer sheets and compile them into a single PDF file for submission.
3. You will get additional 10 minutes to prepare the document for submission. The excuse of slow/unstable internet connection will strictly NOT be entertained.

Question 1. Differentiate between **any 3** of the following:

(2 X 3 = 6 marks)

- 1) Primary and secondary databases
- 2) BLOSUM and PAM substitution matrices
- 3) tblastx and tblastn
- 4) Cladogram and Phylogram

Question 2. What are the common types of errors that add to the complexity of the problem of DNA fragment assembly? (4 marks)

Question 3. Find the overlap between the given two sequences using dynamic programming approach. (8 marks)

S: VAEGEWGVAA

T: REWVAEA

Scoring scheme: Match= +4, Mismatch= -1, Gap= -5

Question 4. Construct an overlap graph for F= (TACGA, ACCC, GACA, CTAAAG). Find a shortest common superstring for this collection. (5 marks)

Question 5. What is the smallest value of ε such that the layout below is valid under the Reconstruction model? (4 marks)

F= (ACCGT, CGTGC, TTAC, TGCCGT)

--ACCGT--

----CGTGC

TTAC-----

-T**G**CCGT--

TTACCGTGTC

Or

Find a solution given the following results of a double digest experiment.

Enzyme A: 1000, 2100, 1400, 500

(4 marks)

Enzyme B: 1200, 2500, 1300

Enzyme A+B: 1000, 200, 1900, 600, 800, 500

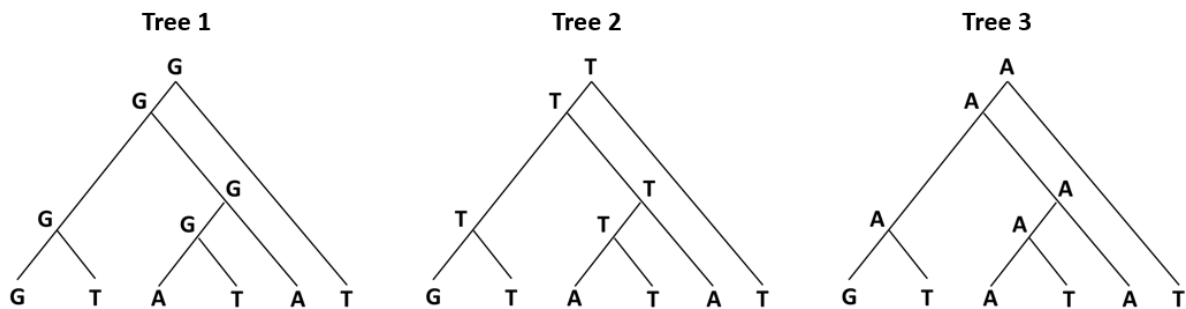
Question 6. Draw the phylogenetic trees that correspond to the following Newick format. Comment whether the trees obtained are the same or different. (5 marks)

- i. (((B,C)A)(D,E))
- ii. ((B:1,C:2)A:2)(D:1.5,E:2.5))

Question 7. Use UPGMA to reconstruct a phylogenetic tree using the following distance matrix: (6 marks)

Species	A	B	C	D
A	0	-	-	-
B	8	0	-	-
C	7	9	0	-
D	12	14	11	0

Question 8. Which of the following trees is the best solution as per the principle of maximum parsimony? Justify your answer (6 marks)



Question 9. Match the following. (6 marks)

- | | |
|----------------------|--|
| 1. Protein data bank | i. Protein clustering on sequence similarity |
| 2. GenBank | ii. Dot plot |
| 3. CODIS | iii. Mutations and crossover |
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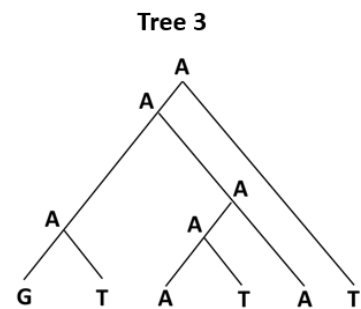
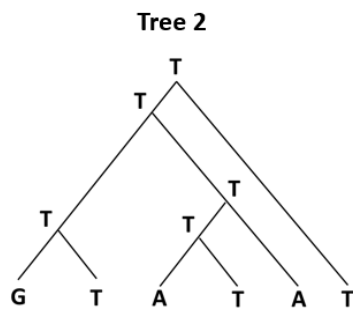
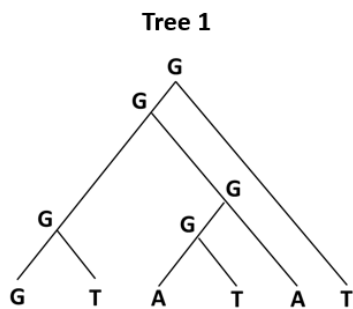
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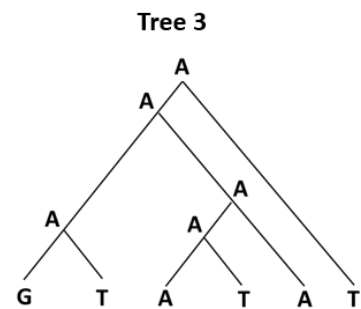
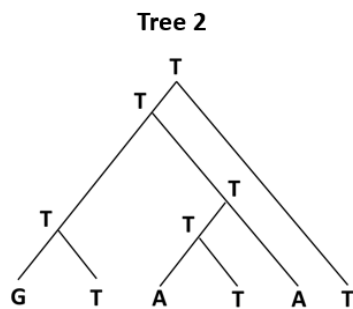
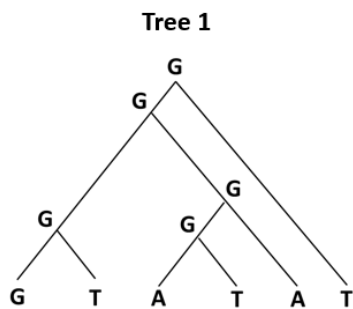
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No.	What?	Where?	City / Town	State	how to score ??	cash ?? for a T	hows the stuff??	recommendations	Rating (out of 5)
1	Ganja	Asansol junction	Asansol	West Bengal	Cross the tunnel after exiting the station and turn left. Turn right before the gate to Asansol junction and take the next left turn. Keep walking till you come across a shop called Manoj Juice on the left side. Take the right turn just after this shop and turn left again. Walk down for about 200 m and ask anyone for ganja. They'll take you to a shop. If you're uncomfortable, ask the cycle rickshaw guys. They'll help.	75 bucks a T	Good pot. Very similar to Subhash Nagar	The area is slightly shady. Make sure you've got another person with you or have a good cycle rickshaw contact.	
2	Ganja Charas	Railway station	Kharagpur	West Bengal	ask the half blind stoned old man sitting under a banyan tree besides the reservation counter behind the railway station	100 for 12 grams(1 thula)	normally good at times even excellent		
3	Ganja	Bondelgate	Kolkata	West Bengal	Walk around 400 metres after the railway crossing (Bondelgate). Cig shop at a small junction on the left side.	140 bucks big pack. 70 bucks small pack(7-8joints)	fuck pilani. this shit is good. Not great, but good.		
4	Ganja	Lake Gargen	Kolkata	West Bengal	Go to lake garden. Go to any cycle rickshaw and ask for murathalli moshi. they'll take you to some place and ask you to walk some distance between gullies.	Rs25-100; 100bucks = 30Js	very good stuff.		
5	Ganja	NJP	Siliguri	West Bengal	N.J.P. Near Netaji Subhash Statue Chowrasta, Left goes towards NJP station, Right towards DC Colony. Go straight crossing the road. You'll find a truckstand and on both the sides there are tea stalls in the slum. Approach!	100/Packet	Good/Very Good (On Availability)	No pressure from the authority, Fairly chill scene.	
6	Ganja	Sector 62, Noida		Uttar Pradesh	Opposite Genpact, there is a guy who sits in a black tin shop with nothing inside. It is quite close to the theka. Ask him for bada or chhota packet	Packets of 60, 120	Average		
7	Ganja	Meerut road	Ghaziabad	Uttar Pradesh	meerut road - There's a small street right next to the NH-58 Raj Nagar Extension chawh. It'll be on your right if you're going towards Meerut. The street is surrounded by slum and there will pan shops ask them about ganja, they'll tell you. There will be a guy sitting with big polyethene bag. Give him Rs. 70, he'll hook you up.	Rs. 70 - 1T	stuff is OK.		
8	Ganja	Harola	Noida	Uttar Pradesh	go to sharma grocery store...ask the lady maal har? she will give it to u		50	can give a worse high than sani	
9	Ganja	Indrapuram	Noida	Uttar Pradesh	There is a construction slum opposite to Bharat Petroleum near shipra mall.U can directly ask abt stuff to anyone	2 varities for 5 joints 70 bucks and 120 bucks		Not even as good as pilani but manageable	
10	Ganja	Labour Chowk	Noida	Uttar Pradesh	near Labour Chowk there is a Mobile Communication shop, close to the theka. As soon as you enter the room u can smell weed.	120 for a packet	pretty damn good	he makes a lot of people chutya so be confident and tell him you want the greener stuff	
11	Ganja	Anna Nagar	Chennai	Tamil Nadu	Just call 9962793475 and ask him if he can deliver it to you. sometimes you might need to go to him if there's no other option.	500 for 20 grams but worth it. (i think he gives more than he says)	laced but good. gravity bong this shit for maximum effect.		
12	Ganja	Near NIFT, Thiruvannmiyur	Chennai	Tamil Nadu	Call this no : 09841649395 or 09003044483, guy calls himself Janaa. He'll tell you the meeting place.	200 a packet	Good stuff (rookie rating)		
13	Ganja Shrooms	Bus stand	Kodaikanal	Tamil Nadu	Go to the bus stand, ask any shady looking guide/taxi driver and they will hook you up	150-300 for the shrooms (dry/fresh). 200-500 for ganja depending on how much you score	The shrooms are brilliant. the pot is OK.	better not to buy the pot. it's not worth it. go for the shrooms, eat them fresh on an empty stomach for full power. if you hike up into the pine forests, you can spot guys picking shrooms. ask them for the best deal. and have 2+ dozens to trip. peace!	
14					There's a hardware shops on the opposite side of the bus stop, stand near the hardware shop. Look straight and you'll find a narrow lane on the other side.(The lane can easily be missed, This is the sure shot method to locate it) Go inside that lane. Take a right. Near the temple, ask for "Aunty". It's uber safe, someone will tell you where her house is. She sells it through her window.	The prices vary according to their quality. starting from 100 going upto 500 a packet. Good quantity as well	The stuff is surprisingly good considering the fact that the stuff available in Jaipur is not that great. Try the 350 rs / packet stuff. It's just beautiful.	The scene is pretty chill. Although take care in asking about the whereabouts of "Aunty"; since there's a residential colony next to the scoring point.	
15	Ganja	Near Triveni Flyover Bus Stop	Jaipur	Rajasthan	If you came here, you'll know a BIT'Sian, ask him.	100 to 170 a T (Varies)	Average		4
16	Ganja Charas	Pilani	Pilani	Rajasthan					
17	Ganja	NALCO main gate	Damanjodi	Orissa	Stop by the market area 200m from the NALCO main gate, find any of the shacks which sell kerosene. Ask him for gonjo.	3 packs for 100 or less, around 2 tolas	Average. Much better than pilani. Made for bucket-grabos		
18	Ganja	Anywhere!	Angul	Orissa	most of the pan shops....just go and ask for ganja directly	100 grams for 300 bucks	Fresh, moist... and far better than bluedoor's stuff... (Non Pilanians, ignore Bluedoor)		
19	Ganja	Railway station	Bhubaneswar	Orissa	Go out of the railway station and take the first left. You'll see a few shops there. The place which sells pot is one of those. Just use your sense of smell or ask a shady auto driver.	60 bucks a T	fresh and insane pot.		
20	Ganja	Metro Station	Dwaraka	NCR	Get down at Dwarka Mor metro station and tell a rickshawala to take you to matiala(Near Delhi Public School). [alternate instructions: Look for DPS Dwarka main gate, take the lane in front of it. Walk a bit and you'll see a market on the right. Take the 3rd/4th lane inside, ask for 'Billa']	100 for 10gms	Insane shit!!		
21	Ganja	By pass road	Faridabad	NCR	Take by pass road from Badarpur and keep moving towards IP colony. Just before the IP colony entrance gate, you'll find a paan wala on left side. The guy is cautious.	120 for a T. 10gms.	slow high, but will rape the shit out of you		
22	Ganja	Shubhash Nagar	New Delhi	NCR	From the Shubhash Nagar metro station (blue line), walk towards pacific mall's backside towards the slum area, ask any small kids roaming there. They'll know you are there for pot.	100,200,300 for 10 gm, 25gm, and 40 gm respectively	Best in Delhi. Insane stuff, fresh, much much better than Bluedoor, moonfali	Go for the 300 packet. he gives you 5 inch long marijuana sticks, but on the downside it is difficult to carry in the metro compared to others. Also don't worry about taking stuff back in the metro too much, slip it in your pockets, socks etc. They don't check much.	
23	Ganja	Sector 16 Noida	Noida	NCR	Speciality : Night stuff (after 11pm). Get down at sector 16 metro station, ask any paranthe wala where Raju sits. Its on the road which goes towards Delhi from noida.	120 for 5-6 gm	Laced but potent		
24	Ganja	Sector 18 Noida	Noida	NCR	Behind Radisson Hotel, there is a road which goes towards sector 17. At a corner you'll find an entrance for the slum, ask the chai wala in the day or if you are there in the evening ask for Khan's place	50 for 5 gm	Very laced and very potent		
25	Ganja	APMC	Vashi	Mumbai/Nav Mumbai	APMC. Near Mathadi Bhavan. Walk to the slum near the Union Bank. Call the number: 09930287325	Ranges from 60 to 200, in ascending order of quality.	Awesome stuff. Specially the 150 one	call him first and ask which mail is available. Guy's name is Dhanwan.	
26	Ganja	#65, shopping complex	Ajanta Caves	Maharashtra	Shop No.65 in the shopping complex.The guy sells bongs chillums and stuff.Ask for ganja	150 bucks a t	Good fresh smooth stuff		
27	Ganja	Mehrur Lake	Jalgaon	Maharashtra	Take an auto to 'Mehrun Lake (Mehrun Talaap)'. Ask people around for the darga. Search around/behind the darga for the baba. You can sit with him and smoke up, you need to take beedis along though. If you want to buy, call this auto guy called Abdul on +91 9011423826. He'll be usually around Mehrun Lake, ask him for Maal/Ganja.	70 for almost a T	Decently heavenly ☺	If you want to find papers/chillums, go to this place called Sindi colony and ask around in paan shops. If you are calling Abdul, ask him to get chillums for you.	
28	Ganja	Vashi	Mumbai	Maharashtra	tell the auto guy to take you to APMC market main gate... if hr asks which gate just tell him to take you to the main gate where u get the "saamaan" (hindi slang for stuff)...	50 rs per packet	Amazing stuff.. smoke it up in a bong !		
29	Ganja	Ghatkopar	Mumbai	Maharashtra	take right from last signal before ghatkopar railway station. go 300 m ahead. will get at the left				
30	Ganja	varsova beach	Mumbai	Maharashtra	enter the beach, take left. keep walkin.. the first chhota shop(hardly a shop)..they will come to u most probably..else js go n ask the shop wala	70 rs- 1T	good stuff.. any stuff is better than pilani stuff...		
31	Ganja	Ghatkopar	Mumbai	Maharashtra	ghatkopar rand gully, ask for salim bhai	100 bucks 1 packet	Good pot.		
32	Ganja	Vasai road	Mumbai	Maharashtra	take an auto to cheechpada. on the highway there are a few shops to the left of the road. ask anyone there you'll know	100 bucks a pack	weirdly insane stuff, no clue if laced or not but gives immense head high. can try.	there are a lot of dealers in the area, perseverance is the key to success.	
33	Ganja	Dadar West	Mumbai	Maharashtra	Ask any of the street dwellers around a salubh near India Bulls centre next to Elphinstone Road station	120	Okay, good when used as alternate		
34	Ganja	Goregaon East	Mumbai	Maharashtra	From Goregaon station, walk towards and cross Udyog Bhawan. On your right, find a narrow lane that opens into a gali. Go in and go left. Walk 100m looking for a small temple on your right. The house opposite to the temple supplies to everybody around.	120	Good	If there's been a raid, someone will tell you well before you are in. In any event, say that you were on your way to crossing the track if asked.	
35	Ganja	Malad West	Mumbai	Maharashtra	Take right at the Inorbit signal while coming from Goregaon. Walk 500m. You'll get it at the beer shop right next to some complex.	120 for a packet	potent. fresh. Not laced		
36	Ganja	Juhu	Mumbai	Maharashtra	Ask at tea stalls on bicycles on the road running next to the beach, towards the south near the street connecting it to Linking Road	200	Great		
37	Ganja	Malad East	Mumbai	Maharashtra	Search for an unofficial auto stand near Valentine Apartments. Ask for a woman called Salim.		Good		

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37	Ganja	Marve Road	Mumbai	Maharashtra	There is a huge building named ManavSthal on Malad-Marve Road. From the main gate of the building, go about 10-20 metres right to a small bylane. Ask anyone around. They will tell you exactly whom to ask for. Ask for someone called RK Bhai		150 Good Stuff.	Visit after 7pm	
38	Ganja Charas Coke	Colaba	Mumbai	Maharashtra	either go to colaba causeway and call this number 99567251516 or if too lazy he'll come to your nearest station	@colaba ganja = 300 a pack charas = 1300 a t if you call him at your place ganja= 500 a pack charas= 2000 +500 if you call at 2 in the night :D coke = 5=6k a gram	decent stuff better than usual mumbai shit	negotiate like a fucker without any shame :D	
39	Ganja, Hash(not too good)	Ghatkopar	Mumbai	Maharashtra	One you reach the highway, right opposite the bus stop you will find a stable with a horse. Behind which you'll find a house with curtains. Ask for maal and anybody will point you this house	Rs. 80 - 150 a packet.	Not so good maal, but if you have nothing then score some and smoke it in a bong	Do not spend more than a hundred on this stuff.	
40	Ganja	Civil Lines	Nagpur	Maharashtra	Go to Civil Lines. Near B.V.M. School there is a darga. Opposite to the darga there will be a small slum area. You will find a fat lady there. Just go to her.	100 bucks a t	It's ok. Harsh but gets you high.		
41	Ganja	Pala	Pala	Kerala	Go to the pay and use toilet ("Comfort Station") in Kottaramattom, tell the guy in the counter that you want stuff, go inside to take a leak, come back and collect(this is old) (get from behind of bus stand where conductors used to pass urine	5 grams for 100	Fresh good tasting strong		
42									
43	Ganja, Mangalore Gold (Mango)	Mandi Mohalla	Mysore	Karnataka	Call this no: 9632081312. If you don't know Kannada, try getting some friend who knows to make the call. Just tell him you've scored from him before and how much money's worth you need pot for. He'll tell you the meeting place (mostly some place in Mandi Mohalla).	200 for around 10-15 grams	⊗ It's not called Gold for no reason ⊗	Try being as discrete as possible, the guy is crazy paranoid.	
44	Ganja	NA	Bengaluru	Karnataka	Call Darvin 09742158190 and ask him for ganja.	500 bucks for 25 grams	good clean pot. quite potent. tastes nice		
45	Ganja	NA	Bengaluru	Karnataka	call Baba 09036401960 and ask him for ganja	500 rupees upwards for 40+ grams	good quantity and fresh un laced stuff. decent potency		
46	Ganja	NA	Bengaluru	Karnataka	call Bashere 07760467888 and ask him for ganja	500 rupees for a massive 75 gram bag	quantity is crazy, potency isn't good, not laced		
47	Ganja	NIT	Mangalore	Karnataka	Ask any NITKIAN...you will get contact number of a peddler called Farooq or keshav...	100 per pkt	Both Spiked like crazy...		
48	Charas	Paradise Cafe, Kudle Beach	Gokarna	Karnataka	go to paradise cafe in kudle beach	1700 (off season) season : less than 1000	good		
49	Ganja	Vinayak Traders, KR Market	Bengaluru	Karnataka	walk 1 km from kr market towards vinayak traders. there's a slum area nearby. ask the guys smoking on the side of the road or the beggars for ganja	150-200 for a packet. a little more than a T	probably laced but insane stuff.		
50	Charas	Anjana Beach	Goa	Goa		1000	ok, better than blue door anyway		
51	Charas	Baga Beach	Goa	Goa		1200...off season...on season might be even lesser	good stuff		
52	Ganja Charas LSD Coke MDMA (Ecstasy)	Panjim - Vasco region.	Panjim	Goa	09823334672. Sameer. Just call him and tell him whatever you want.	200 bucks a t. A little expensive... But good pot. For other products you ll have to contact him and ask.	Good pot.		
53	Ganja	Metro Station	Shubhash Nagar	Delhi	Get down at Shubhash Nagar Metro station on the blue line. Walk 100m you will find Pacific Mall. Go around the Mall and you will see slums. Walk ahead of the public toilet and take the second right into the gali. Walk ahead you'll find a dealer called Gaurav sitting on a scooter.	250 for 25 gm	Best in Delhi	The area is very shady. Be careful else you might be robbed. Also keep your eyes open in case the cops are around.	
54	Ganja	Charles bridge	Prague	Czech Republic	theres a building next to charles bridge, go to the extreme end of that building you will find the entry to ice pub ask the guy there that you want stuff he will take you to some1 standing on the opposite road	1 gms for 900 rupees !! :(osm stuff but very expensive		
55	Ganja	Bhilai	Chhatisgarh		Go to the Supera Market and ask any auto guy where to get Ganja...You will be taken to this shady place whery a fat looking aunty sells stuff!	30 for a packet(stuff worth 3 joints).	Insane shit!!		
56	Ganja	Hyderabad	Hyderabad	Andhra Pradesh	right on the pavement of the clock tower circle. http://en.wikipedia.org/wiki/Secunderabad . Clock Tower	A packet - 150 bucks	the stuff fucks you real bad		
57	Ganja	Hitech city	Hyderabad	Andhra Pradesh	Near hitech city kothaguda crossing there is a paan shop near restaurant angaara ,a guy with long beard will give you the stuff.	Rs 200-300	Good stuff..		
58	Ganja, Ganja	Sikh Village, Kukatpally	Hyderabad	Andhra Pradesh	Take an auto to "Ellamanda" from the junction near South India Shopping mall - Kukatpally. Get down at "Sikh Village" A deserted place. Police patrolling. Murder prone zone. Walk towards the lane beside the big rocks. The path leads into the residential area of Sikhs. Go to the 4th house (Painted Yellow - Don't remember the exact number) on the left. Ask him for maal.	Packets of 50, 100, 200, 500 100=4Js	Average. Laced.	High Police Patrolling. Watch out.	
59	Ganja	Mehdipatnam, Hyderabad	Hyderabad	Andhra Pradesh	Pan shop between the tiffin centre and the cafe. Opposite Pillar No. 103	Packets of 100, 200, 500 100=4Js	Below Average. Laced.		
60	Ganja	jaggayapet	Jaggayapet	Andhra Pradesh	go and ask for Mr.brahman near kamala theatr and ask him oka potlam	200 for a plant	really fresh!		
61	Ganja	Taimoor Nagar	New Delhi	Delhi	Take the road just beside Taimoor Nagar Gurudwara, go for about half kilometer till you reach SPA residential Complex on your left side. Now take the left just before that campus(SPA Res.Complex), walk for around 200-300mtrs till you reach a nallah, cross that nallah and take immediate right (for that, YOU WILL HAVE TO GO THROUGH BELOW THE PIPELINE). You reach a smelly, shady, dirty place and your Scoring point is just 10 mtrs ahead on the grocery shop. (Ask any shady person smoking ganja there).	Packets of 50, 100, 200	Probably laced stuff Not very Good for joints but good for pot. GO for 200 wala packet	Very Unsafe Place, Slum and dont even think of going after 10-11 pm. DO NOT CARRY YOUR MOBILE AND WALLET WITH YOU	
62	Ganja	IP Estate	New Delhi	Delhi	Take the road beside World Health Org. (WHO) Building (the one on the right side of the building), you will see a Nallah on your way, cross that and take immediate left. you will probably see a bald person selling ganja	Packets of 50, 100, and 200 and he also gives crushed ganja packet of 50s	Fine	Unsafe and watch out for Police patrolling. Do not go after 10 pm	

Indraprastha Institute of Information Technology Delhi (IIITD)

Department of Computational Biotechnology

BIO213 – Introduction to Quantitative Biology

MID-SEM EXAM (March 07, 2022)

Time duration: 1 hour

Total marks: 50

Instructions:

1. Answers need to be handwritten. Typed documents will NOT be accepted.
2. Scan all the answer sheets and compile them into a single PDF file for submission.
3. You will get additional 10 minutes to prepare the document for submission. The excuse of slow/unstable internet connection will strictly NOT be entertained.

Question 1. Differentiate between **any 3** of the following:

(2 X 3 = 6 marks)

- 1) Primary and secondary databases
- 2) BLOSUM and PAM substitution matrices
- 3) tblastx and tblastn
- 4) Cladogram and Phylogram

Question 2. What are the common types of errors that add to the complexity of the problem of DNA fragment assembly? (4 marks)

Question 3. Find the overlap between the given two sequences using dynamic programming approach. (8 marks)

S: VAEGEWGVAA

T: REWVAEA

Scoring scheme: Match= +4, Mismatch= -1, Gap= -5

Question 4. Construct an overlap graph for F= (TACGA, ACCC, GACA, CTAAAG). Find a shortest common superstring for this collection. (5 marks)

Question 5. What is the smallest value of ε such that the layout below is valid under the Reconstruction model? (4 marks)

F= (ACCGT, CGTGC, TTAC, TGCCGT)

--ACCGT--

----CGTGC

TTAC-----

-T**G**CCGT--

TTACCGTGTC

Or

Find a solution given the following results of a double digest experiment.

Enzyme A: 1000, 2100, 1400, 500

(4 marks)

Enzyme B: 1200, 2500, 1300

Enzyme A+B: 1000, 200, 1900, 600, 800, 500

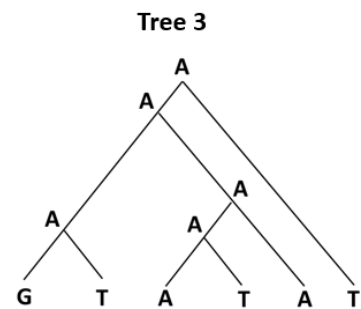
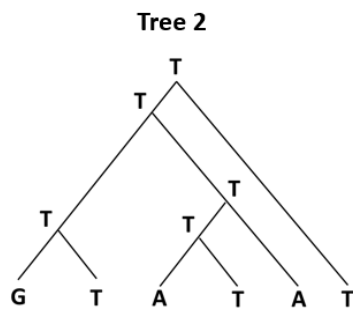
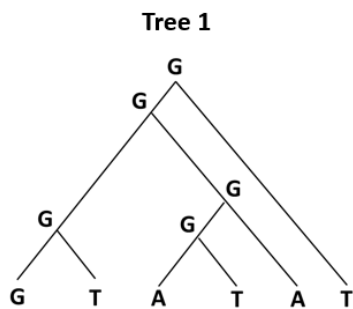
Question 6. Draw the phylogenetic trees that correspond to the following Newick format. Comment whether the trees obtained are the same or different. (5 marks)

- i. (((B,C)A)(D,E))
- ii. ((B:1,C:2)A:2)(D:1.5,E:2.5))

Question 7. Use UPGMA to reconstruct a phylogenetic tree using the following distance matrix: (6 marks)

Species	A	B	C	D
A	0	-	-	-
B	8	0	-	-
C	7	9	0	-
D	12	14	11	0

Question 8. Which of the following trees is the best solution as per the principle of maximum parsimony? Justify your answer (6 marks)



Question 9. Match the following. (6 marks)

- | | |
|----------------------|--|
| 1. Protein data bank | i. Protein clustering on sequence similarity |
| 2. GenBank | ii. Dot plot |
| 3. CODIS | iii. Mutations and crossover |
| 4. BLOCKS | iv. Biomolecular structural database |
| 5. Genetic algorithm | v. Short tandem repeats |
| 6. FASTA | vi. Nucleotide database |

No.	What?	Where?	City / Town	State	how to score ??	cash ?? for a T	hows the stuff??	recommendations	Rating (out of 5)
1	Ganja	Asansol junction	Asansol	West Bengal	Cross the tunnel after exiting the station and turn left. Turn right before the gate to Asansol junction and take the next left turn. Keep walking till you come across a shop called Manoj Juice on the left side. Take the right turn just after this shop and turn left again. Walk down for about 200 m and ask anyone for ganja. They'll take you to a shop. If you're uncomfortable, ask the cycle rickshaw guys. They'll help.	75 bucks a T	Good pot. Very similar to Subhash Nagar	The area is slightly shady. Make sure you've got another person with you or have a good cycle rickshaw contact.	
2	Ganja Charas	Railway station	Kharagpur	West Bengal	ask the half blind stoned old man sitting under a banyan tree besides the reservation counter behind the railway station	100 for 12 grams(1 thula)	normally good at times even excellent		
3	Ganja	Bondelgate	Kolkata	West Bengal	Walk around 400 metres after the railway crossing (Bondelgate). Cig shop at a small junction on the left side.	140 bucks big pack. 70 bucks small pack(7-8joints)	fuck pilani. this shit is good. Not great, but good.		
4	Ganja	Lake Gargen	Kolkata	West Bengal	Go to lake garden. Go to any cycle rickshaw and ask for murathalli moshi. they'll take you to some place and ask you to walk some distance between gullies.	Rs25-100; 100bucks = 30Js	very good stuff.		
5	Ganja	NJP	Siliguri	West Bengal	N.J.P. Near Netaji Subhash Statue Chowrasta, Left goes towards NJP station, Right towards DC Colony. Go straight crossing the road. You'll find a truckstand and on both the sides there are tea stalls in the slum. Approach!	100/Packet	Good/Very Good (On Availability)	No pressure from the authority, Fairly chill scene.	
6	Ganja	Sector 62, Noida		Uttar Pradesh	Opposite Genpact, there is a guy who sits in a black tin shop with nothing inside. It is quite close to the theka. Ask him for bada or chhota packet	Packets of 60, 120	Average		
7	Ganja	Meerut road	Ghaziabad	Uttar Pradesh	meerut road - There's a small street right next to the NH-58 Raj Nagar Extension chawh. It'll be on your right if you're going towards Meerut. The street is surrounded by slum and there will pan shops ask them about ganja, they'll tell you. There will be a guy sitting with big polyethene bag. Give him Rs. 70, he'll hook you up.	Rs. 70 - 1T	stuff is OK.		
8	Ganja	Harola	Noida	Uttar Pradesh	go to sharma grocery store...ask the lady maal har? she will give it to u		50	can give a worse high than sani	
9	Ganja	Indrapuram	Noida	Uttar Pradesh	There is a construction slum opposite to Bharat Petroleum near shipra mall.U can directly ask abt stuff to anyone	2 varities for 5 joints 70 bucks and 120 bucks		Not even as good as pilani but manageable	
10	Ganja	Labour Chowk	Noida	Uttar Pradesh	near Labour Chowk there is a Mobile Communication shop, close to the theka. As soon as you enter the room u can smell weed.	120 for a packet	pretty damn good	he makes a lot of people chutya so be confident and tell him you want the greener stuff	
11	Ganja	Anna Nagar	Chennai	Tamil Nadu	Just call 9962793475 and ask him if he can deliver it to you. sometimes you might need to go to him if there's no other option.	500 for 20 grams but worth it. (i think he gives more than he says)	laced but good. gravity bong this shit for maximum effect.		
12	Ganja	Near NIFT, Thiruvannmiyur	Chennai	Tamil Nadu	Call this no : 09841649395 or 09003044483, guy calls himself Janaa. He'll tell you the meeting place.	200 a packet	Good stuff (rookie rating)		
13	Ganja Shrooms	Bus stand	Kodaikanal	Tamil Nadu	Go to the bus stand, ask any shady looking guide/taxi driver and they will hook you up	150-300 for the shrooms (dry/fresh). 200-500 for ganja depending on how much you score	The shrooms are brilliant. the pot is OK.	better not to buy the pot. it's not worth it. go for the shrooms, eat them fresh on an empty stomach for full power. if you hike up into the pine forests, you can spot guys picking shrooms. ask them for the best deal. and have 2+ dozens to trip. peace!	
14					There's a hardware shops on the opposite side of the bus stop, stand near the hardware shop. Look straight and you'll find a narrow lane on the other side.(The lane can easily be missed, This is the sure shot method to locate it) Go inside that lane. Take a right. Near the temple, ask for "Aunty". It's uber safe, someone will tell you where her house is. She sells it through her window.	The prices vary according to their quality. starting from 100 going upto 500 a packet. Good quantity as well	The stuff is surprisingly good considering the fact that the stuff available in Jaipur is not that great. Try the 350 rs / packet stuff. It's just beautiful.	The scene is pretty chill. Although take care in asking about the whereabouts of "Aunty", since there's a residential colony next to the scoring point.	
15	Ganja	Near Triveni Flyover Bus Stop	Jaipur	Rajasthan		100 to 170 a T (Varies)	Average		4
16	Ganja Charas	Pilani	Pilani	Rajasthan	If you came here, you'll know a BIT'Sian, ask him.				
17	Ganja	NALCO main gate	Damanjodi	Orissa	Stop by the market area 200m from the NALCO main gate, find any of the shacks which sell kerosene. Ask him for gonjo.	3 packs for 100 or less, around 2 tolas	Average. Much better than pilani. Made for bucket-grabos		
18	Ganja	Anywhere!	Angul	Orissa	most of the pan shops....just go and ask for ganja directly	100 grams for 300 bucks	Fresh, moist...and far better than bluedoor's stuff... (Non Pilanians, ignore Bluedoor)		
19	Ganja	Railway station	Bhubaneswar	Orissa	Go out of the railway station and take the first left. You'll see a few shops there. The place which sells pot is one of those. Just use your sense of smell or ask a shady auto driver.	60 bucks a T	fresh and insane pot.		
20	Ganja	Metro Station	Dwaraka	NCR	Get down at Dwarka Mor metro station and tell a rickshawala to take you to matiala(Near Delhi Public School). [alternate instructions: Look for DPS Dwarka main gate, take the lane in front of it. Walk a bit and you'll see a market on the right. Take the 3rd/4th lane inside, ask for 'Billa']	100 for 10gms	Insane shit!!		
21	Ganja	By pass road	Faridabad	NCR	Take by pass road from Badarpur and keep moving towards IP colony. Just before the IP colony entrance gate, you'll find a paan wala on left side. The guy is cautious.	120 for a T. 10gms.	slow high, but will rape the shit out of you		
22	Ganja	Shubhash Nagar	New Delhi	NCR	From the Shubhash Nagar metro station (blue line), walk towards pacific mall's backside towards the slum area, ask any small kids roaming there. They'll know you are there for pot.	100,200,300 for 10 gm, 25gm, and 40 gm respectively	Best in Delhi. Insane stuff, fresh, much much better than Bluedoor, moonfali	Go for the 300 packet. he gives you 5 inch long marijuana sticks, but on the downside it is difficult to carry in the metro compared to others. Also don't worry about taking stuff back in the metro too much, slip it in your pockets, socks etc. They don't check much.	
23	Ganja	Sector 16 Noida	Noida	NCR	Speciality : Night stuff (after 11pm). Get down at sector 16 metro station, ask any paranthe wala where Raju sits. Its on the road which goes towards Delhi from noida.	120 for 5-6 gm	Laced but potent		
24	Ganja	Sector 18 Noida	Noida	NCR	Behind Radisson Hotel, there is a road which goes towards sector 17. At a corner you'll find an entrance for the slum, ask the chai wala in the day or if you are there in the evening ask for Khan's place	50 for 5 gm	Very laced and very potent		
25	Ganja	APMC	Vashi	Mumbai/Nav Mumbai	APMC. Near Mathadi Bhavan. Walk to the slum near the Union Bank. Call the number: 09930287325	Ranges from 60 to 200, in ascending order of quality.	Awesome stuff. Specially the 150 one	call him first and ask which mail is available. Guy's name is Dhanwan.	
26	Ganja	#65, shopping complex	Ajanta Caves	Maharashtra	Shop No.65 in the shopping complex.The guy sells bongs chillums and stuff.Ask for ganja	150 bucks a t	Good fresh smooth stuff		
27	Ganja	Mehrur Lake	Jalgaon	Maharashtra	Take an auto to 'Mehrun Lake (Mehrun Talaap)'. Ask people around for the darga. Search around/behind the darga for the baba. You can sit with him and smoke up, you need to take beedis along though. If you want to buy, call this auto guy called Abdul on +91 9011423826. He'll be usually around Mehrun Lake, ask him for Maal/Ganja.	70 for almost a T	Decently heavenly ☺	If you want to find papers/chillums, go to this place called Sindi colony and ask around in paan shops. If you are calling Abdul, ask him to get chillums for you.	
28	Ganja	Vashi	Mumbai	Maharashtra	tell the auto guy to take you to APMC market main gate... if hr asks which gate just tell him to take you to the main gate where u get the "saamaan" (hindi slang for stuff)...	50 rs per packet	Amazing stuff.. smoke it up in a bong !		
29	Ganja	Ghatkopar	Mumbai	Maharashtra	take right from last signal before ghatkopar railway station. go 300 m ahead. will get at the left				
30	Ganja	varsova beach	Mumbai	Maharashtra	enter the beach, take left. keep walkin.. the first chhota shop(hardly a shop)..they will come to u most probably..else js go n ask the shop wala	70 rs- 1T	good stuff.. any stuff is better than pilani stuff...		
31	Ganja	Ghatkopar	Mumbai	Maharashtra	ghatkopar rand gully, ask for salim bhai	100 bucks 1 packet	Good pot.		
32	Ganja	Vasai road	Mumbai	Maharashtra	take an auto to cheechpada. on the highway there are a few shops to the left of the road. ask anyone there you'll know	100 bucks a pack	weirdly insane stuff, no clue if laced or not but gives immense head high. can try.	there are a lot of dealers in the area, perseverance is the key to success.	
33	Ganja	Dadar West	Mumbai	Maharashtra	Ask any of the street dwellers around a salubh near India Bulls centre next to Elphinstone Road station	120	Okay, good when used as alternate		
34	Ganja	Goregaon East	Mumbai	Maharashtra	From Goregaon station, walk towards and cross Udyog Bhawan. On your right, find a narrow lane that opens into a gali. Go in and go left. Walk 100m looking for a small temple on your right. The house opposite to the temple supplies to everybody around.	120	Good	If there's been a raid, someone will tell you well before you are in. In any event, say that you were on your way to crossing the track if asked.	
35	Ganja	Malad West	Mumbai	Maharashtra	Take right at the Inorbit signal while coming from Goregaon. Walk 500m. You'll get it at the beer shop right next to some complex.	120 for a packet	potent. fresh. Not laced		
36	Ganja	Juhu	Mumbai	Maharashtra	Ask at tea stalls on bicycles on the road running next to the beach, towards the south near the street connecting it to Linking Road	200	Great		
37	Ganja	Malad East	Mumbai	Maharashtra	Search for an unofficial auto stand near Valentine Apartments. Ask for a woman called Salim.		Good		

No.	What?	Where?	City / Town	State	how to score ??	cash ?? for a T	hows the stuff??	recommendations	Rating (out of 5)
37	Ganja	Marve Road	Mumbai	Maharashtra	There is a huge building named ManavSthal on Malad-Marve Road. From the main gate of the building, go about 10-20 metres right to a small bylane. Ask anyone around. They will tell you exactly whom to ask for. Ask for someone called RK Bhai		150 Good Stuff.	Visit after 7pm	
38	Ganja Charas Coke	Colaba	Mumbai	Maharashtra	either go to colaba causeway and call this number 99567251516 or if too lazy he'll come to your nearest station	@colaba ganja = 300 a pack charas = 1300 a t if you call him at your place ganja= 500 a pack charas= 2000 +500 if you call at 2 in the night :D coke = 5+6k a gram	decent stuff better than usual mumbai shit	negotiate like a fucker without any shame :D	
39	Ganja, Hash(not too good)	Ghatkopar	Mumbai	Maharashtra	One you reach the highway, right opposite the bus stop you will find a stable with a horse. Behind which you'll find a house with curtains. Ask for maal and anybody will point you this house	Rs. 80 - 150 a packet.	Not so good maal, but if you have nothing then score some and smoke it in a bong	Do not spend more than a hundred on this stuff.	
40	Ganja	Civil Lines	Nagpur	Maharashtra	Go to Civil Lines. Near B.V.M. School there is a darga. Opposite to the darga there will be a small slum area. You will find a fat lady there. Just go to her.	100 bucks a t	It's ok. Harsh but gets you high.		
41	Ganja	Pala	Pala	Kerala	Go to the pay and use toilet ("Comfort Station") in Kottaramattom, tell the guy in the counter that you want stuff, go inside to take a leak, come back and collect(this is old) (get from behind of bus stand where conductors used to pass urine	5 grams for 100	Fresh good tasting strong		
42									
43	Ganja, Mangalore Gold (Mango)	Mandi Mohalla	Mysore	Karnataka	Call this no: 9632081312. If you don't know Kannada, try getting some friend who knows to make the call. Just tell him you've scored from him before and how much money's worth you need pot for. He'll tell you the meeting place (mostly some place in Mandi Mohalla).	200 for around 10-15 grams	⊗ It's not called Gold for no reason ⊗	Try being as discrete as possible, the guy is crazy paranoid.	
44	Ganja	NA	Bengaluru	Karnataka	Call Darvin 09742158190 and ask him for ganja.	500 bucks for 25 grams	good clean pot. quite potent. tastes nice		
45	Ganja	NA	Bengaluru	Karnataka	call Baba 09036401960 and ask him for ganja	500 rupees upwards for 40+ grams	good quantity and fresh un laced stuff. decent potency		
46	Ganja	NA	Bengaluru	Karnataka	call Bashere 07760467888 and ask him for ganja	500 rupees for a massive 75 gram bag	quantity is crazy, potency isn't good, not laced		
47	Ganja	NIT	Mangalore	Karnataka	Ask any NITKIAN...you will get contact number of a peddler called Farooq or keshav...	100 per pkt	Both Spiked like crazy...		
48	Charas	Paradise Cafe, Kudle Beach	Gokarna	Karnataka	go to paradise cafe in kudle beach	1700 (off season) season : less than 1000	good		
49	Ganja	Vinayak Traders, KR Market	Bengaluru	Karnataka	walk 1 km from kr market towards vinayak traders. there's a slum area nearby. ask the guys smoking on the side of the road or the beggars for ganja	150-200 for a packet. a little more than a T	probably laced but insane stuff.		
50	Charas	Anjana Beach	Goa	Goa		1000	ok, better than blue door anyway		
51	Charas	Baga Beach	Goa	Goa		1200...off season...on season might be even lesser	good stuff		
52	Ganja Charas LSD Coke MDMA (Ecstasy)	Panjim - Vasco region.	Panjim	Goa	09823334672. Sameer. Just call him and tell him whatever you want.	200 bucks a t. A little expensive... But good pot. For other products you ll have to contact him and ask.	Good pot.		
53	Ganja	Metro Station	Shubhash Nagar	Delhi	Get down at Shubhash Nagar Metro station on the blue line. Walk 100m you will find Pacific Mall. Go around the Mall and you will see slums. Walk ahead of the public toilet and take the second right into the gali. Walk ahead you'll find a dealer called Gaurav sitting on a scooter.	250 for 25 gm	Best in Delhi	The area is very shady. Be careful else you might be robbed. Also keep your eyes open in case the cops are around.	
54	Ganja	Charles bridge	Prague	Czech Republic	theres a building next to charles bridge, go to the extreme end of that building you will find the entry to ice pub ask the guy there that you want stuff he will take you to some1 standing on the opposite road	1 gms for 900 rupees !! :(osm stuff but very expensive		
55	Ganja	Bhilai	Chhatisgarh		Go to the Supera Market and ask any auto guy where to get Ganja...You will be taken to this shady place whery a fat looking aunty sells stuff!	30 for a packet(stuff worth 3 joints).	Insane shit!!		
56	Ganja	Hyderabad	Hyderabad	Andhra Pradesh	right on the pavement of the clock tower circle. http://en.wikipedia.org/wiki/Secunderabad . Clock Tower	A packet - 150 bucks	the stuff fucks you real bad		
57	Ganja	Hitech city	Hyderabad	Andhra Pradesh	Near hitech city kothaguda crossing there is a paan shop near restaurant angaara ,a guy with long beard will give you the stuff.	Rs 200-300	Good stuff..		
58	Ganja, Ganja	Sikh Village, Kukatpally	Hyderabad	Andhra Pradesh	Take an auto to "Ellamanda" from the junction near South India Shopping mall - Kukatpally. Get down at "Sikh Village" A deserted place. Police patrolling. Murder prone zone. Walk towards the lane beside the big rocks. The path leads into the residential area of Sikhs. Go to the 4th house (Painted Yellow - Don't remember the exact number) on the left. Ask him for maal.	Packets of 50, 100, 200, 500 100=4Js	Average. Laced.	High Police Patrolling. Watch out.	
59	Ganja	Mehdipatnam, Hyderabad	Hyderabad	Andhra Pradesh	Pan shop between the tiffin centre and the cafe. Opposite Pillar No. 103	Packets of 100, 200, 500 100=4Js	Below Average. Laced.		
60	Ganja	jaggayapet	Jaggayapet	Andhra Pradesh	go and ask for Mr.brahman near kamala theatr and ask him oka potlam	200 for a plant	really fresh!		
61	Ganja	Taimoor Nagar	New Delhi	Delhi	Take the road just beside Taimoor Nagar Gurudwara, go for about half kilometer till you reach SPA residential Complex on your left side. Now take the left just before that campus(SPA Res.Complex), walk for around 200-300mtrs till you reach a nallah, cross that nallah and take immediate right (for that, YOU WILL HAVE TO GO THROUGH BELOW THE PIPELINE). You reach a smelly, shady, dirty place and your Scoring point is just 10 mtrs ahead on the grocery shop. (Ask any shady person smoking ganja there).	Packets of 50, 100, 200	Probably laced stuff Not very Good for joints but good for pot. GO for 200 wala packet	Very Unsafe Place, Slum and dont even think of going after 10-11 pm. DO NOT CARRY YOUR MOBILE AND WALLET WITH YOU	
62	Ganja	IP Estate	New Delhi	Delhi	Take the road beside World Health Org. (WHO) Building (the one on the right side of the building), you will see a Nallah on your way, cross that and take immediate left. you will probably see a bald person selling ganja	Packets of 50, 100, and 200 and he also gives crushed ganja packet of 50s	Fine	Unsafe and watch out for Police patrolling. Do not go after 10 pm	

OH YESSSSSSSSSSSSSSSSSS

Submitted by Shivam Verma

Study Title

Oh yessssssssssssssss

Funding Source

State Bank of India

Anticipated Start Date

2023-03-08T15:16:10.316Z

Type of Review

2

Is this a funded project?

true

Project Leader Type

1

Project Type

IIIT-internal

Study Background

Badiya HAI

Research Summary

None

Purpose of Study

Chalo Dekhein

Are the subjects capable of understanding the nature of the study and the consenting process?

1

Are the subjects paid (monetarily) for entering the study?

1

Will you be using a signed receipts to acknowledge the payment to participants?

1

Are other inducements planned to recruit subjects?

Will the subjects receive intangible benefit from the study? (eg. Course Credits)

1

How many subjects are needed for the study?

Lets play HOLI

Of the subjects studied, what will be the ratio of males to females

Happy Diwali

Institutional Review Board

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi euismod scelerisque pellentesque. Nullam at urna cursus, efficitur sapien vitae, porttitor tellus. Aliquam quis semper nisi. Morbi euismod scelerisque pellentesque. Nullam at urna cursus, efficitur sapien vitae, porttitor tellus.